

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 09, 2013 10:38 AM  
**To:** 'USS NIMITZ'; 'Hood, Lisa LS2'; 'Hilgar, John HT2'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4723 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Nimitz (CVN-68)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS2 Hood

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4723) SPOTCHECK SKD-S2 DEVELOPER, (Part# SKD-S2 01-5352-79; AMS-2644, TY-2, FORM-E), NSN: 6850-01-538-3521  
(d) POC for the USS Nimitz (CVN-68): LS2 Hood  
(e) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4723 per ref (e):

Mike,

SFR #4723: The SFR requested material (NSN: 6850-01-538-3521; Inspection Penetrant Developer, Non-aqueous) is not approved and should remain with an Allowed On Board (AOB) Code of P - Prohibited on both the Master and CVN Type SHML. NSN 6850-00-160-8480 (Inspection Penetrant

Developer, Non-aqueous; Type 2, Form E; Part: SKD-S2) is required per APL 1911304002 (Nondestructive Testing Equipment) and is authorized on the CVN Type SHML. Therefore, NSN 6850-00-160-8480 is recommended as an alternative to the requested material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore NSN: 6850-01-538-3521 IS NOT APPROVED FOR USE. In lieu of NSN: 6850-01-538-3521, use NSN: 6850-00-160-8480 which is already listed in the Master SHML and the CV/CVN T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, January 09, 2013 9:29 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4723  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Nimitz (CVN 68)

SFR #4723: The SFR requested material (NSN: 6850-01-538-3521; Inspection Penetrant Developer, Non-aqueous) is not approved and should remain with an AOB Code of P - Prohibited on both the Master and CVN Type SHML. NSN 6850-00-160-8480 (Inspection Penetrant Developer, Non-aqueous; Type 2, Form E; Part: SKD-S2) is required per APL 1911304002 (Nondestructive Testing Equipment) and is authorized on the CVN Type SHML. Therefore, NSN 6850-00-160-8480 is recommended as an alternative to the requested material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*use A*

*9B*

*LC/MS-NO*

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 3125, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 12/21/2012

FPO#: AP96620 - 2820

UIC#: 03368

TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4723  ATTACHED FROM (SHIP): USS NIMITZ (CVN-68)  PRODUCT NAME: SPOTCHECK SKD-S2 DEVELOPER (INSPECTION PENETRANT DEVELOPER, NONFLOURESCENT)  DATE ON SFR: 11/14/2012
NAVICP-M	1/3/2013	MC	NSN/NIIN: 6850-01-538-3521 CAGE: 37676
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: SKD-S2 01-5352-79; AMS-2644, TY-2, FORM-E
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CTTGV
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NIMITZ NDT PROCEDURE PT-01
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 4715 (EXACT SAME PRODUCT) STILL UNDER YOUR REVIEW.			NOTES: LV3/H 6 OUNCE BOX.

AP96620-2820

Current Date: 21DEC2012

RECEIVED  
DEC 21 2012  
BY: SFR 4723SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)(P)  
NITThis form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHMLSHIP NAME: USS NIMITZ HULL NUMBER: CVN-68 TYCOM: COMNAVAIRFOR  
UIC: R03368 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ NoI. JUSTIFICATION (To include equipment/application this material is to be used on):Used in non-destructive penetrant weld inspection of welds on various piping and  
structural components to verify the integrity of welds in accordance with  
T9074-AS-GIB-010-271.  
See SFR 4715CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if  
applicable):

N/A

II. TECHNICAL DATACage 81343 / AMS-2644, TY-2, /  
FORM-E  
SOCIETY FOR AUTOMOTIVE  
APL OR AEL: N/A ENGINEERS  
INC.

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

TECH MANUAL: Nimitz NDT Procedure PT-01 REV. ORIG ESTIMATED YEARLY REQUIREMENT: 1 BX

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

1B NSN: 6850-01 - 538 - 3521

Cage 37676

MANUFACTURER ILLINOIS TOOL WORKS  
INC. PHONE:

ITEM OR TRADE NAME: SPOTCHECK SKD-S2 DEVELOPER

CTTGV  
L/V3/H

PART NUMBER OR SPECIFICATION: SKD-S2 01-5352-79

UNIT OF ISSUE: BX UNIT OF MEASURE: 6 OZ

IV. ENDORSEMENTS (INSPECTION PENETRANT DEVELOPER, NON FLUORESCENT)

REQUESTORS NAME: HILGAR, JOHN H

RANK: HT2

EMAIL: John.hilgar@cvn68.navy.mil

DATE PREPARED: 14 NOV 2012

COMMANDER OR DESIGNEE NAME: Barlow, John

RANK: HTC

EMAIL: John.Barlow@cvn68.navy.mil

DATE: 21DEC2012

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous materialElectronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

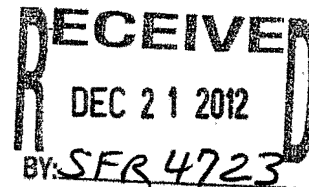
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**From:** Hood, Lisa LS2 [lisa.hood@cvn68.navy.mil]  
**Sent:** Friday, December 21, 2012 7:28 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Hilgar, John HT2  
**Subject:** SFR  
**Attachments:** SFR HT2 Hilgar.doc; Developer MSDS.pdf; developer tech data sheet.pdf

Mr. Celona,

Attached is the completed SFR and required documents please let me know if you need any further information.

V/R LS2 Hood



**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, January 03, 2013 11:18 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS NIMITZ; 'Hood, Lisa LS2'; Hilgar, John HT2; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4723

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4723) SPOTCHECK SKD-S2 DEVELOPER, (Part# SKD-S2 01-5352-79; AMS-2644, TY-2, FORM-E), NSN: 6850-01-538-3521  
(d) POC for the USS Nimitz (CVN-68): LS2 Hood  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



# DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030

Ser 0772/001  
3 January 2013


From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSS),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR's (SFR# 4723)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4723) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
for Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, January 11, 2013 9:41 AM  
**To:** 'USS NIMITZ'; 'Hahn, Samuel ENS'; 'Hood, Lisa LS2'; 'Garrison, Marcus J. IS3'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4724 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Nimitz (CVN-68)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LTJG Hahn

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4724) OIL, SHREDDER, (Part# 64900ILHV; 633415001 SHREDDER OIL), NSN: 7940-01-481-0403  
(d) POC for the USS Nimitz (CVN-68): LTJG Hahn  
(e) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4724 per ref (e):

Mike,

USS Nimitz (CVN 68)



SFR #4724: The SFR requested material (NSN: 7490-01-481-0403; Oil, Shredder) is not authorized. The only shredder oil authorized on the CVN Type SHML is NSN 7490-01-459-8264. If this material meets the requirements of the intended use, NSN 7490-01-459-8264 is recommended as an alternative to the requested material. If this recommended material does not meet the requirements of the intended use, more information regarding the intended use and the material characteristics/requirements should be forwarded to Code 635, so that an appropriate alternative can be determined.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore NSN: 7490-01-481-0403 IS NOT APPROVED FOR USE. In Lieu of NSN: 7490-01-481-0403, use NSN: 7490-01-459-8264 which has been updated in the Master SHML and the CV/CVN T-SHML with a AOB code of "R" (RESTRICTED TO MIP 6561/003, MRC B2VT).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, January 14, 2013 1:32 PM  
**To:** USS NIMITZ; 'Hood, Lisa LS2'; 'Garrison, Marcus J. IS3'  
**Cc:** Richardson, David W CTR CNAP, N412; Celona, Michael J CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** FW: MSDS FOR SFR 4724 (QUESTION) NSN 7940-01-459-8264 (INVALID MSDS INFORMATION)

**Importance:** High

LS2 Hood, IS3 Garrison,

As the original submitter of SFR 4724, would you please check and see if you have any material on hand for NSN 7940-01-459-8264. If you have material on hand, we need to know if you have an MSDS for the material and where you acquired the MSDS.

Thank you.  
Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

**From:** Stanko, Scott CIV NAVSUP WSS, M077  
**Sent:** Monday, January 14, 2013 13:10  
**To:** Kostinas, John E. (CIV)  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: MSDS FOR SFR 4724 (QUESTION) NSN 7940-01-459-8264

Gene,

Mike said he got his copy of the MSDS from HMIRS, with serial number DDYMN. NSWCCD prohibited the material for shipboard use, so the ship should not be requisitioning it. The NSN does not have Navy interest if FLIS, that is a good thing for us.

Mike,

Can you check with the ship that submitted SFR 4724 to see if they have any material on hand for NSN 7940-01-459-8264. If they have material on hand, we need to see if they have an MSDS for the material and where they acquired the MSDS. We will take this one step at a time. If they do not have any material on hand, then we should be fine.

If you have any questions, please ask.  
And by the way,  
HAVE A HAPPY DAY

Scott A Stanko Sr, CIV  
Environmental Protection Specialist  
NAVSUP Weapons Systems Support -- Mechanicsburg, PA [scott.stanko@navy.mil](mailto:scott.stanko@navy.mil)  
DSN: 430-1361 Comm: 717-605-1361  
FAX 717-605-3480

"The world is dangerous to live in not because of the people who do evil things, but because of the people who know about it but do nothing to stop it." Albert Einstein

-----Original Message-----

From: Kostinas, John E. (CIV) [<mailto:John.Kostinas@med.navy.mil>]  
Sent: Monday, January 14, 2013 9:54  
To: Stanko, Scott CIV NAVSUP WSS, M077  
Cc: Celona, Michael J CIV NAVSUP WSS, M077  
Subject: RE: MSDS FOR SFR 4724 (QUESTION) NSN DDYMN

Scott and Mike,

Is there any way to trace this back to the requesting activity to find out what actual product they have on board, then we can attempt to obtain the proper MSDS for the material. If this was entered into HMIRS, we need to archive it with a note stating that the MSDS is not valid for the material on hand.

V.R.

Gene

John E. (Gene) Kostinas Jr., CHMM  
Navy and Marine Corps Public Health Center

This document may contain information covered under the Privacy Act, 5 USC 552(a), and/or the Health Insurance Portability and Accountability Act (pl 104-191) and its various implementing regulations and must be protected in accordance with those provisions. Healthcare information is personal and sensitive and must be treated accordingly. If this correspondence contains healthcare information it is being provided to you after appropriate authorization from the patient or under circumstances that don't require patient authorization. You, the recipient, are obligated to maintain it in a safe, secure and confidential manner. Redisclosure without additional patient consent or as permitted by law is prohibited. Unauthorized redisclosure or failure to maintain confidentiality subjects you to application of appropriate sanction. If you have received this correspondence in error, please notify the sender at once and destroy any copies you have made.

-----Original Message-----

From: Stanko, Scott CIV NAVSUP WSS, M077 [<mailto:scott.stanko@navy.mil>]  
Sent: Monday, January 14, 2013 9:27 AM

To: Kostinas, John E. (CIV)  
Cc: Celona, Michael J CIV NAVSUP WSS, M077  
Subject: FW: MSDS FOR SFR 4724 (QUESTION) NSN 7940-01-459-8264

Gene,

Can you look at Mike's email below and let me know if anything needs done about this.

Thank you.

If you have any questions, please ask.  
And by the way,  
HAVE A HAPPY DAY

Scott A Stanko Sr, CIV  
Environmental Protection Specialist  
NAVSUP Weapons Systems Support -- Mechanicsburg, PA scott.stanko@navy.mil  
DSN: 430-1361 Comm: 717-605-1361  
FAX 717-605-3480

"The world is dangerous to live in not because of the people who do evil things, but because of the people who know about it but do nothing to stop it." Albert Einstein

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077  
Sent: Friday, January 11, 2013 13:01  
To: Stanko, Scott CIV NAVSUP WSS, M077  
Cc: Celona, Michael J CIV NAVSUP WSS, M077  
Subject: MSDS FOR SFR 4724 (QUESTION) NSN 7940-01-459-8264

Scott,

Since you deal with HMIRS/MSDS's I thought you would be the best person to discuss this with.

Today I completed SFR 4724 and loaded this MSDS in the SHML under cage 7X110 CITGO Petroleum Corp.

I loaded the cage and MSDS data into the SHML Cage tab page.

I later called the manufacturer on the MSDS 800-248-4684 and spoke with Alan Wallis LUBESHELP@CITGO.COM requesting a more recent MSDS since this one is dated 6/9/09. He called me back about a half hour later and said this is not a CITGO MSDS. He said someone tampered with this MSDS and cut and pasted sections of the first page and they probably used this to purchase this product. The oil listed on this MSDS is not SHREDDER OIL and it doesn't even belong to CITGO. CITGO doesn't make a shredder oil product like this. The product number 625688288 which is Motorcycle Fork oil that CITGO manufactures. That is for a private label customer. He said there is some company out there and took a CITGO MSDS and doctored it up themselves and typed in some bogus name such as CITGO SHREDDER OIL and is using this unethically. The navy needs to contact the person they are buying the oil from and fix this issue.

Thanks for your time Scott.  
Respectfully,  
Mike  
X8319

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, January 10, 2013 2:31 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4724  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Nimitz (CVN 68)

SFR #4724: The SFR requested material (NSN: 7490-01-481-0403; Oil, Shredder) is not authorized. The only shredder oil authorized on the CVN Type SHML is NSN 7490-01-459-8264. If this material meets the requirements of the intended use, NSN 7490-01-459-8264 is recommended as an alternative to the requested material. If this recommended material does not meet the requirements of the intended use, more information regarding the intended use and the material characteristics/requirements should be forwarded to Code 635, so that an appropriate alternative can be determined.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*Reg - Do not add.*

*use R  
SMCC-9  
ALL T-SHMS "yes"  
except T-AK*

*5/06/A CITGO*

*HMURS # DDYMN*

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/7/2013 FPO#: AP96620 - 2820 UIC#: 03368 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4724 ATTACHED FROM (SHIP): USS NIMITZ (CVN-68) PRODUCT NAME: OIL, SHREDDER DATE ON SFR: 12/1/2012
NAVICP-M	1/8/2013	MC	NSN/NIIN: 7940-01-481-0403 CAGE: 29810
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 6490OIL8HV; 633415001 SHREDDER OIL
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) DBZHF
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 4610			NOTES: S/V6/A 18-17 OUNCE BOTTLES PER CASE. NO NAVY USE. NO COG. PER NSWCCD I.E. SFR 4610: USE NSN 7490-01-459-8264.

AP96620-2820

Current Date: 1/3/2013

# RECEIVED SHIP'S HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

N/S

JAN 7 - 2013

BY: SFR 4724

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS NIMITZ

HULL NUMBER: CVN-68

TYCOM: COMNAVAIRPAC

UIC: R03368

Serial Number:

AIRCRAFT RELATED: Yes X No

**I. JUSTIFICATION**

(To include equipment/application this material is to be used on):

The item requested is required for the fabrication of wooden plaques given as gifts to the  
Officers and Chiefs checking out of the command.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

See SFR 4610

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: TABLE III FSC

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA**

(If requested NSN is provided proceed to section IV)

NSN: 7490 - 01 - 481 - 0403

Cage 29810

MANUFACTURER: SECURITY ENGINEERING  
MACHINERY CO.PHONE: 920-735-8298  
800-424-9300

ITEM OR TRADE NAME: R&amp;O TURBINE #22 OIL, SHREDDER

PART NUMBER OR SPECIFICATION: 649001L8HV/633415001 SHREDDER

OK.  
DBZHF  
S/UG/A

UNIT OF ISSUE: 17 oz bottle

UNIT OF MEASURE: 18 bottles per case

**IV. ENDORSEMENTS**

REQUESTORS NAME: HAHN, SAMUEL T.

NO NAVY USE  
NO COG

RANK: ENS

EMAIL: samuel.hahn@cvn68.navy.mil

DATE PREPARED: 01DEC12

COMMANDER OR DESIGNEE NAME:

RANK:

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Hahn, Samuel ENS [samuel.hahn@cvn68.navy.mil]  
**Sent:** Monday, January 07, 2013 5:31 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Hood, Lisa LS2; Garrison, Marcus J. IS3  
**Subject:** SFR R&O TURBINE #22 SHREDDER OIL  
**Attachments:** SFR R&O TURBINE #22 SHREDDER OILD.docx  
**Signed By:** samuel.hahn@cvn68.navy.mil

**RECEIVED**  
JAN 7 2013  
BY: SFR 4724

Mr. Celona,

I've attached an SFR for shredder oil to be added to RSUPPLY. I'm told you're the person who can make that happen. Can you please assist?

V/r,

LTJG Hahn

Sam Hahn

LTJG, SC, USN

Hazardous Materials Officer

USS NIMITZ (CVN 68)

J-6899



## **Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 08, 2013 1:21 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'USS NIMITZ'; 'Hahn, Samuel ENS'; Hood, Lisa LS2; Garrison, Marcus J. IS3; 'Hood, Lisa LS2'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4724

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4724) OIL, SHREDDER, (Part# 64900ILHV; 633415001 SHREDDER OIL), NSN: 7940-01-481-0403  
(d) POC for the USS Nimitz (CVN-68): LTJG Hahn  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/002  
8 January 2013

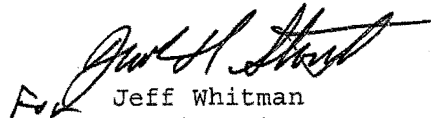
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSS),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR's (SFR# 4724)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4724) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

*For*   
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, February 21, 2013 8:25 AM  
**To:** 'USNS WATSON (T-AKR 310) (dob@saltsmail.salts.navy.mil)'; 'Calder, Samuel R'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)';  
'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077;  
Bottinelli, Jehdia CIV NAVSUP GLS; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350;  
Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4;  
Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2;  
Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350;  
McHugh, John CIV MSC N46  
**Subject:** USNS WATSON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT (SFR) #4725, 4726 & 4727 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

**To:** Commander, USNS Watson (T-AKR 310)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet  
(COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),  
Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT/S (SFR's)

**Attn:** Samuel R. Calder, Jr. SUPPO

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4725) LAMP, FLUORESCENT, (Part# FC8T9D),  
NSN: 6240-00-917-5002  
(d) (SFR #4726) BATTERY, STORAGE, (Part# LS12-100P; MP200038, ITEM 340),  
NSN: 6140-01-362-5737  
(e) (SFR #4727) LAMP, FLUORESCENT, (Part# SLS 23, 225581),  
NSN: 6240-01-367-5734  
(f) USNS Watson (T-AKR 310) Point Of Contact (POC) Samuel R. Calder, Jr.  
SUPPO  
(g) Military Sealift Command (MSC) POC, John McHugh, Norfolk, Va.,  
Tel: 757-443-1473

1. Per ref (a), ref (b) received ref (c) through (e) SFR's from ref (f). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Syst Command (HSC) Technical Authorities (TA) ref (b) & (g). The following information provide the current status of your SFR's.

2. Concerning ref (c) through (e) SFR's# 4725-4727 per ref (g):

Mike

To answer the Hazmat Ship's Feedback Report (SFR) requirements on USNS Watson T-AKR-310. As per Chief Engineer Joseph Willis Endorsement (SFR feedback Report) Please change the T-SHML Allowed on board (AOB) code from P-Prohibited to A-Allowed and continue processing the ship's Requirements for these Items.

SFR# 4725 Material: NSN 6340-00-917-6909 Lamp, Fluorescent, Note: Requested NSN 6240-00-917-5002 was cancelled without replacement in the year 1979. SFR# 4726 Material: NSN 6140-01-362-5737 Battery Storage; SFR# 4727 Material: NSN 6240-01-367-5734 Lamp Fluorescent

Lora Hutchinson, Lora Caldwell

The NAVSUP WSS will be "flagging" any items ordered by the PM1 and PM3 Fleet that is prohibited on the ships T-SHML Listing. NAVSUP Will then send a request to the vessel (SUPPO) or (CHENG) to ensure they are notified of the D8 Rejection of the ordered material. In this case the vessel responded as per the attached Ship Feedback Report as requiring this material.

Because the SFR's are for the USNS Watson I wanted to keep you in the Ship board Hazmat Material Listing and update Chain.

v/r

John McHugh

N4 Logistics Operations

Cargo Fuel & Hazmat Coordinator

757

Therefore, SFR 4725 Material: NSN 6340-00-917-6909 Lamp, Fluorescent; SFR 4726 Material: NSN 6140-01-362-5737 Battery Storage & SFR 4727 Material: NSN 6240-01-367-5734 Lamp Fluorescent IS APPROVED FOR USE and will be updated in the Master SHML and MSC T-AK T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** McHugh, John CIV MSC N46  
**Sent:** Wednesday, February 20, 2013 3:24 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077; Caldwell, Lora L CIV MSC, PM3; Caldwell, Lora L CIV MSC, PM3  
**Cc:** Broennimann, Juanita CIV MSCHQ  
**Subject:** RE: SFR 4725-4727 FOR YOUR REVIEW  
**Attachments:** SFR 4725-4727 FOR YOUR REVIEW.PDF  
**Signed By:** john.mchugh1@navy.mil

Mike

To answer the Hazmat Ship's Feedback Report (SFR) requirements on USNS Watson T-AKR-310. As per Chief Engineer Joseph Willis Endorsement (SFR feedback Report) Please change the T-SHML Allowed on board (AOB) code from P-Prohibited to A-Allowed and continue processing the ship's Requirements for these Items.

SFR 4725 Material: NSN 6340-00-917-6909 Lamp, Fluorescent

SFR 4726 Material: NSN 6140-01-362-5737 Battery Storage

SFR 4727 Material: NSN 6240-01-367-5734 Lamp Fluorescent

9B msh/cv/dg/LH/LP/MC

U/C/H Lora Hutchinson, Lora Caldwell

→ U/ZZ/B 9B MS-ONLY

→ U/ZZ/B

9B MS-ONLY

{good "A"}

The NAVSUP WSS will be "flagging" any items ordered by the PM1 and PM3 Fleet that is prohibited on the ships T-SHML Listing. NAVSUP Will then send a request to the vessel (SUPPO) or (CHENG) to ensure they are notified of the D8 Rejection of the ordered material. In this case the vessel responded as per the attached Ship Feedback Report as requiring this material.

Because the SFR's are for the USNS Watson I wanted to keep you in the Ship board Hazmat Material Listing and update Chain.

v/r

John McHugh

N4 Logistics Operations

Cargo Fuel & Hazmat Coordinator

757

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077

**Sent:** Tuesday, February 19, 2013 10:26

**To:** McHugh, John CIV MSC N46

**Cc:** Celona, Michael J CIV NAVSUP WSS, M077

**Subject:** SFR 4725-4727 FOR YOUR REVIEW

John,

On the SFR cover sheets I spoke to you about over the phone, (there will be one on each SFR), if there is just the hazmat codes and the unit of issue/measure in the "NOTES" block at the lower bottom of the page, (for example: S/V6/B 1 QUART CONTAINER) then that shows it is a good NSN and upon your approval it may be used. But I am no longer authorized to get NSN's for items. If an item doesn't have an NSN it probably would be best to find a suitable substitute.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 11:21 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Bendick, John A CIV NAVSUP WSS, M077; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** RE: USNS WATSON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4725, 4726 & 4727

Thanks Maryanne.  
Mike

-----Original Message-----

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, January 30, 2013 9:50  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USNS WATSON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4725, 4726 & 4727

Mike,

I just received your voicemail. I'm fine with just making the changes on the SFR I already have; no need to submit another one.

Regarding SFRs from MSC ships, my Technical Warrant Holder has put a hold on my working MSC SFRs (SFR #4714-4716, 4725-4727). He is reaching out to MSC, and wants them to provide the review and response for their ships. I'm hoping this doesn't take much longer. As there is any progress made, I will let you know.

Respectfully,  
Marianne

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 9:06  
**To:** 'Calder, Samuel R'; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** RE: USNS WATSON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT #4725, 4726 & 4727  
**Importance:** High

Samuel/Marianne,

Concerning ref (c) email NSN correction. When I did my research, I found NSN 624 5002 (the NSN you originally provided) was cancelled in 1979. A new NSN has replaced which is NSN 6240-00-917-6909 which is the NSN you should have originally requested. There is no need for either one of us to change anything. Maryanne He will know what will either allow you to use 6240-00-917-6909 or she won't for whatever reason. Maryanne is the final authority on this issue. She is currently backlogged in. Please allow her ample time to work your SFR answer.

Thanks for understanding.  
Respectfully,  
Mike

Michael J. Celona

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/14/2013 FPO#: AP96683 - 4001 UIC#: 22256 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4725  ATTACHED FROM (SHIP): USNS WATSON (T-AKR 310)  PRODUCT NAME: LAMP, FLUORESCENT  DATE ON SFR: 1/13/2013
NAVICP-M	1/14/2014	MC	NSN/NIIN: 6240-00-917-5002 CAGE: 62607
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: FC8T9D
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: U/Z2/B 1 EACH. NSN 6240-00-917-5002 WAS CANCELLED IN 1979. NEW NSN IS 6240-00-917-6909 IS ALREADY LISTED IN SHML BUT THE AOB IS "P". PART NUMBER FC8T9D I EXACT MATCH UNDER THE ALTERNATE NSN.



RECEIVED  
JAN 13 2013  
BY: SFR 4725

AP96683-4001

Current Date: 1/13/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT  
NIH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USNS WATSON (T-AKR 310) HULL NUMBER: 310 TYCOM: COMSCLANT  
UIC: 22256 Serial Number: 301130800 AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
THIS LAMP IS USE ON THE CHART TABLE FOR NAVIGATION WITHOUT THIS LAMP THE NAVIGATOR OFFICER  
WILL NOT ABLE TO PLOT THE SHIP COURSE AT NIGHT. REQUESTING AUTHORIZATION TO HAVE THE NSN  
ADDED TO THE DATABASE TO BE USE ABOARD THE USNS WATSON.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6240009176909

**II. TECHNICAL DATA**

Cage 62607

MAINTENANCE INDEX PAGE (MIP) #: N/A  
MAINTENANCE REQUIREMENT CARD (MRC #: N/A APL OR AEL: N/A  
TECH MANUAL: N/A REV. ESTIMATED YEARLY REQUIREMENT: 1

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 6240-00-917-5002  
MANUFACTURER: PHILIPS ELECTRONICS PHONE: 813-714-3994

ITEM OR TRADE NAME: LAMP, FLOURESCENT  
PART NUMBER OR SPECIFICATION: FC8T9D  
UNIT OF ISSUE: EA UNIT OF MEASURE: 1EA

There are over 700 "LAMP  
FLOURESCENT PRODUCTS CURRENTLY  
IN THE SHML.

**IV. ENDORSEMENTS**

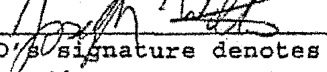
FOUND SAME P/N MATCH UNDER  
NSN 98-6240-00-917-6909 IN HMIRS.

REQUESTORS NAME: SAMUEL R. CALDER, JR RANK: SUPPO  
EMAIL: samuel.r.calder.ctr@usc.navy.mil DATE PREPARED: 1/13/2013

15 IN SHML  
AQB=P.

COMMANDER OR DESIGNEE NAME: JOSEPH A. WILLIS RANK: CHENG  
EMAIL: cheng.watson@usc.navy.mil DATE: 1/13/2013

4/22/B

SIGNATURE:   
CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

MSAS  
IN  
HMIRS

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Email to: wraps.prime.fct@navy.mil  
or

Mail to:

Commanding Officer, NAVSUP Weapon Systems Support  
P.O. Box 2020, Code M0772  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 1/14/2013		FPO#: AP96683 - 4001	UIC#: 22256 TYCOM: SURFPAC
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIS (SHML FEEDBACK REPORT (SFR))  SFR # 4726  ATTACHED FROM (SHIP): USNS WATSON (T-AKR 310)  PRODUCT NAME: BATTERY, STORAGE  DATE ON SFR: 1/13/2013
NAVICP-M	1/14/2014	MC	NSN/NIIN: 6140-01-362-5737 CAGE: 1K126
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: LS12-100P, MP200038, ITEM 340
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) ZZTYX
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: 222565AWVB
			TECHNICAL MANUAL: 555-204-105
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/Z4/H 12 VOLTS EACH. LEAD ACID,

**RECEIVED**  
**JAN 13 2013**  
 BY: SFR 4726

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
 FEEDBACK REPORT (SFR)**

*Master - A*  
*T-AK-P*  
*NIT*

This form needs to be completed if the Hazardous Material  
 that you want to purchase is not authorized on your T-SHML

SHIP NAME: USNS WATSON (T-AKR 310) HULL NUMBER: 310

TYCOM: COMSCLANT

UIC: 22256

Serial Number: 301130830

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
 APPLICATION: TELEPHONE SYSTEM, SHIP SERVICE. THIS BATTERY IS TO BE USE FOR BACK UP FOR THE  
 PHONE SYSTEM POWER SUPPLY IF THE SHIP LOSE POWER. TYCOM MSC HAS ESTABLISH AUTHORIZE STORE  
 ROOM ALLOWANCE FOR ONE EACH. SUBMITTED MILSTRIP N22256-2048-S569 AND RECEIVED 050/D8/NRP  
 STATUS. REQUEST AUTHORIZATION TO HAVE NSN ADDED TO THE DATABASE. THANK YOU.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6140-01-362-5737

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: NA

MAINTENANCE REQUIREMENT CARD (MRC #: NA

APL OR AEL: 222565AWVB

TECH MANUAL: 555-204-105

REV. N/A ESTIMATED YEARLY REQUIREMENT: 1

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 6140-01-362-5737

*Cage 1K426*

MANUFACTURER: C&D TECHNOLOGIS INC

PHONE: 215-775-1372

ITEM OR TRADE NAME: BATTERY, STORAGE

PART NUMBER OR SPECIFICATION: LS12-100P

UNIT OF ISSUE: EA

UNIT OF MEASURE: 1EA

*Cage 06KW9*  
*P/N: MP200038, ITEM 340*  
*LUCENT TECHNOLOGIES INC*

*12V, LEAD ACID*

**IV. ENDORSEMENTS**

REQUESTORS NAME: SAMUEL R. CALDER, JR

RANK: SUPPO

EMAIL: samuel.r.calder.ctr@msc.navy.mil

DATE PREPARED: 1/13/2013

COMMANDER OR DESIGNEE NAME: JOSEPH A. WILLIS

RANK: CHENG

EMAIL: cheng.watson@msc.navy.mil

DATE: 01/13/2013

SIGNATURE: *Joseph A. Willis*

CO's signature denotes acceptance of all liabilities associated with  
 the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Email to: wraps.prime.fct@navy.mil

or

Mail to:

Commanding Officer, NAVSUP Weapon Systems Support

P.O. Box 2020, Code M0772

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 1/14/2013    FPO#: AP96683 - 4001    UIC#: 22256    TYCOM: SURFPAC</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:    SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4727</b>  <b>ATTACHED FROM (SHIP):    USNS WATSON (T-AKR 310)</b>  <b>PRODUCT NAME: LAMP, FLUORESCENT</b>  <b>DATE ON SFR:    12/31/2012</b>
<b>NAVICP-M</b>	<b>1/14/2014</b>	<b>MC</b>	<b>NSN/NIIN: 6240-01-367-5734    CAGE: 62607</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>SLS 23, 225581</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined)</b> <b>P</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>BYVYF</b>
			<b>MIP: NONE</b>
			<b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>
			<b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: M578880111</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: U/Z2/B    2 EACH PER BOX.</b>

**RECEIVED**  
**JAN 13 2013**  
 BY: SFR 4727

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)**  
**FEEDBACK REPORT (SFR)**

(P)

NIT

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USNS WATSON (T-AKR 310) HULL NUMBER: 310

TYCOM: COMSCLANT

UIC: 22256

Serial Number: 301130800

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

THE INCANDESCENT LIGHT ARE BEING PHASED OUT. SWAPPING ALL INCANDESCENT LIGHT ON THE CRANES TO FLUORSCENT LAMP. REQUESTING AUTHORIZATION TO CARRY ON BOARD.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6240014412765

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: NA

MAINTENANCE REQUIREMENT CARD (MRC #: NA

APL OR AEL: M578880111

TECH MANUAL: NA

REV.

ESTIMATED YEARLY REQUIREMENT: 1

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

90 NSN: 6240 - 01 - 367 - 5734

MANUFACTURER: PHILIPS ELECTRONICS NO. AMERICA CORP.

PHONE: 813 - 714 - 2994

904 - 813 - 4291

ITEM OR TRADE NAME: LAMP, FLORESCENT

ROBIN CHAPMAN  
 DIMETRUS

PART NUMBER OR SPECIFICATION: SLS 23, 225581

UNIT OF ISSUE: BX

UNIT OF MEASURE: 2 EA

BYVYF

U/Z2/B

**IV. ENDORSEMENTS**

REQUESTORS NAME: SAM R. CALDER, JR

RANK: SUPPO

EMAIL: samuel.r.calder.ctr@msc.navy.mil

DATE PREPARED: 12/31/2012

COMMANDER OR DESIGNEE NAME: JOSEPH A. WILLIS

RANK: CHENG

EMAIL: cheng@msc.navy.mil

DATE: 12/31/2012

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Email to: wraps.prime.fct@navy.mil

or

Mail to:

Commanding Officer, NAVSUP Weapon Systems Support

P.O. Box 2020, Code M0772

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

**From:** Calder, Samuel R [Samuel.R.Calder.ctr@MSC.NAVY.MIL]  
**Sent:** Sunday, January 13, 2013 8:29 PM  
**To:** wraps.prime.fct  
**Subject:** USNS Watson: Please add the following NSN to the SHML database.  
**Attachments:** 2013\_01\_14\_01\_21\_05.pdf

To Whom It May Concern:

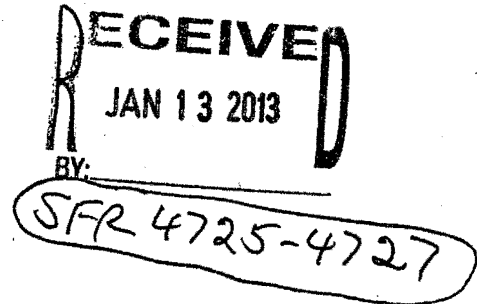
Please add the following attachment to the SHML database for the USNS Watson. The following stock numbers were order thru the NSS and received D8 status. Please confirm receipt and send notification when the items can be place on order. Thank you in advance.

Sam R.Calder,Jr. SUPPO

USNS WATSON T-AKR 310

FPO AP 96683-4001

[samuel.r.calder.ctr@msc.navy.mil](mailto:samuel.r.calder.ctr@msc.navy.mil)





## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788


COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/003  
14 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Commanding Officer, Military Sealift Command (MSC) N41,  
Norfolk Virginia

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4725, 4726, 4727)

1. Enclosure (1) contains a packet of three (3) SFR's (SFR# 4725-4727) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480

  
7EX Jeff Whitman  
By Direction

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, January 14, 2013 4:13 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350; Mchugh, John CIV MSC N46  
**Cc:** USNS WATSON (T-AKR 310) (dob@saltmail.salts.navy.mil); 'Calder, Samuel R';  
'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)';  
'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077;  
Bottinelli, Jehdia CIV NAVSUP GLS; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350;  
Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4;  
Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2;  
Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USNS WATSON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT (SFR) #4725, 4726 & 4727

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
**To:** Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Commanding Officer, Military Sealift Command (MSC) N41,  
Norfolk Virginia

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet  
(COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),  
Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT/S (SFR's)

**Attn:** Samuel R. Calder, Jr. SUPPO

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, *sent to John McHugh for review on 2-19-13,*  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4725) LAMP, FLUORESCENT, (Part# FC8T9D),  
NSN: 6240-00-917-5002  
(d) (SFR #4726) BATTERY, STORAGE, (Part# LS12-100P; MP200038, ITEM 340),  
NSN: 6140-01-362-5737  
(e) (SFR #4727) LAMP, FLUORESCENT, (Part# SLS 23, 225581),  
NSN: 6240-01-367-5734  
(f) USNS Watson (T-AKR 310) Point Of Contact (POC) Samuel R. Calder, Jr.  
SUPPO  
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-  
7694  
(h) Military Sealift Command (MSC) POC, John McHugh, Norfolk, Va.,  
Tel: 757-443-1473

1. Per ref (a), ref (b) received ref (c) through (e) SFR's from ref (f). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems



provides the current status of your SFR's.

Ref (b) has forwarded your SFR to ref (g) & (h) for further review and analysis. Upon ref (g) & (h) recommendation, NSWCCD and MSC TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (g) & (h) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 13, 2013 3:13 PM  
**To:** 'Hood, Lisa LS2'; Hahn, Samuel LTJG  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4728 (FINAL ANSWER) - "UPDATED"

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Nimitz (CVN-68)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS2 Hood

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4728) TUBE, ETHYLENE OXIDE, (Part# 67-28241-1, ethylene oxide), NSN: 6665-01-102-9485  
(d) POC for the USS Nimitz (CVN-68): LS2 Hood  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4728 per ref (e):

Mike,

SFR #4728 update: The SFR requested material (NSN: 6665-01-102-9485) is approved per MIP 6641/006. However, the original SFR response should be updated to show that the material is

hazardous. The material should be listed on the Master SHML and CVN Type SHML with an AOB code of R (restricted to the Gas Free Engineer Kit) with an MMI code should be Y. The material should be listed with an AOB code of P on all other T-SHML's.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

Therefore NSN: 6665-01-102-9485 IS APPROVED FOR USE and will be updated in the Master SHML and the CV/CVN T-SHML with an AOB code of "R" (RESTRICTED TO THE GAS FREE ENGINEER KIT).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, February 14, 2013 12:25 PM  
**To:** 'john.kostinas@med.navy.mil'  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** MSDS FOR NSN 6665-01-102-9485 (SFR 4728)

John,

We believe HMIRS has the wrong MSDS loaded for NSN 6665-01-102-9485. The MSDS in HMIRS, Serial #DGYQT, is for a cylinder of Ethylene Oxide Gas. The NSN is for a Ethylene Oxide Draeger Tube. We are in the process of acquiring the MSDS for the Draeger Tube. Any questions, please give me a call.

Thanks.

V/r  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

*Note:  
Correct MSDS was  
loaded in HMIRS  
3-8-13. IT REPLACED  
# DGYQT.*

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

DRAEGER

JOHN STONE  
412-788-5675

*Cage 53883*

*MSDS IS ON  
ITS WAY*

*Corrosive/acidic*

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Stone, Jon [Jon.Stone@draeger.com]  
**Sent:** Thursday, February 14, 2013 1:33 PM  
**To:** louis.liebert@dla.mil  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** MSDS for Draeger Safety Part Number 6728241  
**Attachments:** MSDS for 6728241\_001.pdf; ATT2966600.txt; ATT2966601.htm

Gentlemen,

As requested, please see the attached MSDS for Draeger Safety Detector Tube part number 6728241.

If you have any questions, please feel free to contact me.

Sincerely,

Jon Stone

Contract Administrator

Dräger Safety

101 Technology Drive

Pittsburgh, PA 15275

Tel (412) 788-5675

Fax (412) 787-2207

Cell (412) 352-3658

[jon.stone@draeger.com](mailto:jon.stone@draeger.com)

[www.draeger.com](http://www.draeger.com) <<http://www.draeger.com/>>

x-zonesignature6 <<http://www.draeger.com/local/US/x-zone/index.html>>

Dräger. Technology for Life®

P Please consider the environment before printing this e-mail

**Celona, Michael J CIV NAVSUP WSS, M077**

From: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Sent: Monday, February 11, 2013 11:40 AM  
To: Celona, Michael J CIV NAVSUP WSS, M077  
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
Subject: RE: SFR 4728 AOB CODE UPON ADDITION TO THE SHML FOR NSN 6665-01-102-9485  
Signed By: MARIANNE.CURRAN@NAVY.MIL

Mike,

SFR #4728 update: The SFR requested material (NSN: 6665-01-102-9485) is approved per MIP 6641/006. However, the original SFR response should be updated to show that the material is hazardous. The material should be listed on the Master SHML and CVN Type SHML with an AOB Code of R (restricted to the Gas Free Engineer Kit) with an MMI code should be Y. The material should be listed with an AOB code of P on all other T-SHMLs.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

CV ONLY

OT C/CI/H

*Tube has corrosive granular substance inside.*

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077  
Sent: Thursday, February 07, 2013 13:10  
To: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
Subject: SFR 4728 AOB CODE UPON ADDITION TO THE SHML FOR NSN 6665-01-102-9485  
Importance: High

Marianne,

I reopened SFR 4728 because Scott Stanko brought to my attention a discrepancy due to two MSDS's involved with this SFR (one is hazardous one is not). The MSDS that is not hazardous (DRAGON TUBE) "does not" go with this SFR request but is something entirely different.

As stated on the SFR cover sheet, NIIN 011029485 is "Flammable Gas" and because of the flammable gas hazard, NSN 6665-01-102-9485 must be entered into the SHML per Scotts request. This package I forwarded to you has the correct MSDS attached for Ethylene Oxide.

All I need from you is an updated SFR answer stating that this item is approved, is to be added to the SHML and I need to know what Hulls apply and what AOB code to use. I will contact the USS Nimitz with your updated SFR answer. Please give me a call if you have any questions.

Respectfully,  
Mike 717-605-8319  
DSN 430-8319

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, February 07, 2013 1:10 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR 4728 AOB CODE UPON ADDITION TO THE SHML FOR NSN 6665-01-102-9485  
**Attachments:** SFR 4728 REOPENED  
**Importance:** High

Marianne,

I reopened SFR 4728 because Scott Stanko brought to my attention a discrepancy due to two MSDS's involved with this SFR (one is hazardous one is not). The MSDS that is not hazardous (DRAGON TUBE) "does not" go with this SFR request but is something entirely different.

As stated on the SFR cover sheet, NIIN 011029485 is "Flammable Gas" and because of the flammable gas hazard, NSN 6665-01-102-9485 must be entered into the SHML per Scotts request. This package I forwarded to you has the correct MSDS attached for Ethylene Oxide.

All I need from you is an updated SFR answer stating that this item is approved, is to be added to the SHML and I need to know what Hulls apply and what AOB code to use. I will contact the USS Nimitz with your updated SFR answer. Please give me a call if you have any questions.

Respectfully,  
Mike 717-605-8319  
DSN 430-8319



**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Mirise, Dale R DLA CIV LAND AND MARITIME [Dale.Mirise@dla.mil]  
**Sent:** Thursday, February 07, 2013 11:12 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: ADVISE WHICH MSDS GOES WITH (CONCERNING SFR# 4728)  
**Attachments:** TWO MSDS TO CHOSE FROM FOR THIS NSN

**Importance:** High

*NSN 6665-01-102-9485*

Please read careful.

The NSN supplied goes to CYLINDER OF ETHYLENE OXIDE ( We don't want to get these TWO mixed up )  
*(NOT GAS)*

*614-692-6720 LEWIS LIEBERT*

Dale Mirise Packaging Specialist  
DLA LAND and MARITIME PACKAGING BRANCH P.O. Box 3990 Columbus OH 43218-3990  
**DRAEGER** [dale.mirise@dla.mil](mailto:dale.mirise@dla.mil)  
614-692-1651 DSN 850-1651  
[www.dscc.dla.mil/Offices/Packaging/](http://www.dscc.dla.mil/Offices/Packaging/)

\*Any comments/concerns/suggestions send to following mailbox:  
[www.dscc.dla.mil/Offices/Packaging/VS](http://www.dscc.dla.mil/Offices/Packaging/VS) Division Customer Feedback Tool  
[VS.Division.Customer.Feedback.Tool@DLA.MIL](mailto:VS.Division.Customer.Feedback.Tool@DLA.MIL)

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077 [<mailto:mike.celona@navy.mil>]  
**Sent:** Thursday, February 07, 2013 10:45 AM  
**To:** Mirise, Dale R DLA CIV LAND AND MARITIME; Botts, Tommy L DLA CIV LAND AND MARITIME; Liebert, Louis W DLA CIV LAND AND MARITIME  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** ADVISE WHICH MSDS GOES WITH NSN 6665-01-102-9485 (CONCERNING SFR# 4728)  
**Importance:** High

Dale,

Please advise which MSDS goes with NSN 6665-01-102-9485. Does this NSN cover the DRAGON TUBE or the CYLINDER OF ETHYLENE OXIDE? I need to get this information loaded into HMIR's and out to the fleet.

Thank you for all your help.

Respectfully,

Mike Celona

NWSS

Mechanicsburg PA

717-605-8319

DSN 430-8319

Cell: 717-701-2482

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 9:21 AM  
**To:** 'USS NIMITZ'; 'Hood, Lisa LS2'; 'Hahn, Samuel LTJG'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salt.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4728 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Nimitz (CVN-68)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS2 Hood

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4728) TUBE, ETHYLENE OXIDE, (Part# 67-28241-1, ETHYLENE OXIDE), NSN: 6665-01-102-9485  
(d) POC for the USS Nimitz (CVN-68): LS2 Hood  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4728 per ref (e):

Mike,

SFR #4728: The SFR requested material (NSN: 6665-01-102-9485; Tube, Ethylene Oxide) is not hazardous and does not need be listed on the SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, this product IS APPROVED FOR USE but will not be added to the SHML since it is not hazardous.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, January 25, 2013 1:16 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFR #4728  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Nimitz (CVN 68)

*use - Don't add,  
Not Hazardous.*

SFR #4728: The SFR requested material (NSN: 6665-01-102-9485; Tube, Ethylene Oxide) is not hazardous and does not need be listed on the SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

## ORIGINATOR:

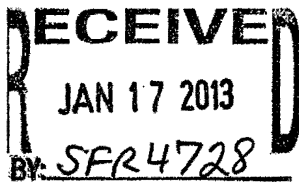
NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/17/2013 FPO#: AP96620 - 2820 UIC#: R03368 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4728  ATTACHED FROM (SHIP): USS NIMITZ (CVN-68)  PRODUCT NAME: TUBE, ETHYLENE OXIDE  DATE ON SFR: 1/2/2013
NAVICP-M	1/18/2013	MC	NSN/NIIN: 6665-01-102-9485 CAGE: 53833
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 67-28241-1, ETHYLENE OXIDE
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 6641/006  MRC: S-9
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: 2-88044261
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: B/G2/H UNIT OF ISSUE = BOX. <i>Corrected MSDS hazard codes are C/CI/H.</i>

AP96620-2820

Current Date: Jan-2-13

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)NIS  
NIT  
NIHThis form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS NIMITZ

HULL NUMBER: CVN-68

TYCOM: COMNAVAIRFORC  
CHOOSE ONE

UIC: R03368

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ NoI. JUSTIFICATION(To include equipment/application this material is to be used on):  
Ethylene Oxide drager tubes are used in conjunction with the 6 gas analyzer. Used to  
detect poisonous gases, post fire. And is required as per Navsea S5090-BL-DCB-010

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 6641/006

MAINTENANCE REQUIREMENT CARD (MRC #: S-9

APL OR AEL: 2-88044261

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA

(If requested NSN is provided proceed to section IV)

9B NSN: 6665 - 01 - 102 - 9485

Cage 53833

MANUFACTURER: DRAEGER SAFETY, INC.

PHONE: 412-788-5675

ITEM OR TRADE NAME: TUBE, ETHYLENE OXIDE

PART NUMBER OR SPECIFICATION: 62-28241-1, ETHYLENE OXIDE

UNIT OF ISSUE: BX

UNIT OF MEASURE: UNKNOWN

MSDS ATTACHED

IV. ENDORSEMENTS

REQUESTORS NAME: DC2 Walker

RANK:

EMAIL: Lawrence.walker@cvn68.navy.mil

DATE PREPARED: 01/02/13

COMMANDER OR DESIGNEE NAME:

RANK: DCC

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous materialElectronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Hood, Lisa LS2 [lisa.hood@cvn68.navy.mil]  
**Sent:** Thursday, January 17, 2013 12:39 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Hahn, Samuel LTJG  
**Subject:** SFR  
**Attachments:** DOC010 walker.pdf; drager tube.doc; RE SFR Ethylene Oxide drager tubes.txt  
**Signed By:** lisa.hood@cvn68.navy.mil

Mr. Celona,

You need any further information for the attached SFR please let me know.

V/R LS2 Hood

**RECEIVED**  
**JAN 17 2013**  
**BY: SFR 4728**

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, January 18, 2013 9:23 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'USS NIMITZ'; 'Hood, Lisa LS2'; Hahn, Samuel LTJG; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4728

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4728) TUBE, ETHYLENE OXIDE, (Part# 67-28241-1, ETHYLENE OXIDE), NSN: 6665-01-102-9485  
(d) POC for the USS Nimitz (CVN-68): LS2 Hood  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.



2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098  
5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/004  
18 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR's (SFR# 4728)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4728) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, March 04, 2013 8:44 AM  
**To:** 'USS THACH (tha@saltsmail.salts.navy.mil)'; 'Igmen, M. LS1'; 'Musni, R. LSC'; 'Dejesus, D. LS1'; 'Pador, M. LS1'; 'Fulton, K. HT1'; 'Weatherspoon, A. LT (Supply Officer)'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS THACH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4729 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Thach (FFG-43)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS1 (SW/AW) Igmen

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4729) ROD, WELDING (Part# MIL-E-21562, TYPE MIL-RN67), NSN: 3439-00-088-8989  
(d) POC for the USS Thach (FFG-43): LS1 (SW/AW) Igmen  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4729 per ref (e):

Mike,

SFR #4729: The SFR requested material (NSN: 3439-00-088-8989; Rod, welding) is restricted to submarine use only. Therefore, it should remain with an AOB code of P on the FFG T-SHML. There are three NSN's listed on the FFG T-SHML with an Allowed On Board (AOB) code of A that

may be suitable alternatives: 3439-00-063-5200, 3439-00-201-9108, and 3439-01-067-0697. If these items are not suitable, please provide Code 635 with further technical information (i.e. MIP/MRC, AEL/APL, etc.) so that an appropriate alternative can be determined.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 3439-00-088-8989 IS NOT APPROVED for use. Use NSN's: 3439-00-063-5200, 3439-00-201-9108 and 3439-01-067-0697 which are already listed in the Master SHML and the FFG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, March 01, 2013 1:55 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4729  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Thach (FFG 43)

*use*  
*Rej. by FFG T-SHML*  
SFR #4729: The SFR requested material (NSN: 3439-00-088-8989; Rod, welding) is restricted to submarine use only. Therefore, it should remain with an AOB code of P on the FFG T-SHML. There are three NSNs listed on the FFG T-SHML with an AOB code of **(A)** that may be suitable alternatives: 3439-00-063-5200, 3439-00-201-9108, and 3439-01-067-0697. If these items are not suitable, please provide Code 635 with further technical information (i.e. MIP/MRC, AEL/APL, etc.) so that an appropriate alternative can be determined.

Respectfully,  
Marianne

*5/NI/B (A)*  
*9B*

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*AS/FG/SB/OT/MS*

*5/NI/B (A)*  
*IH*  
*AS/CV/FG/SB/OT/MS*

*1H*  
*5/NI/B (A)*  
*AO/AS/CG/CV/DG/FG/*  
*LH/LP/mc/SB*

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 1/17/2013    FPO#: AP96679 - 1498    UIC#: 21110    TYCOM: SURFLANT</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:            SHIP HAZARDOUS MATERIAL LIST</b> <b>(SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4729</b>  <b>ATTACHED</b> <b>FROM (SHIP):        USS THACH (FFG-43)</b>  <b>PRODUCT NAME: ROD, WELDING</b>  <b>DATE ON SFR:        1/16/2013</b>
<b>NAVICP-M</b>	<b>1/22/2013</b>	<b>MC</b>	<b>NSN/NIIN: 3439-00-088-8989                    CAGE: 81349</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>MIL-E-21562, TYPE MIL-RN67</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized;</b> <b>P= Prohibited; R=Restricted;</b> <b>P                    O=Obsolete; N=Not Determined)</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>CNJBB</b>
			<b>MIP: NONE</b>
			<b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>
			<b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: NONE</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: 5/N1/A    10 POUND BOX.</b>

AP96679-1498

Current Date: 1/17/2013

**RECEIVED**  
JAN 17 2013  
BY: SFR 4729

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIT  
(R) MASTER  
(P) - FFG

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS THACH FFG-43 HULL NUMBER: 43 TYCOM: COMNAVSURFFOR  
UIC: 21110 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
WELD ROD RN67 IS NEEDED TO PERFORM WELDS ON THE REVERSE OSMOSIS WHICH CREATES THE POTABLE WATER FOR THE SHIP.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #:  
MAINTENANCE REQUIREMENT CARD (MRC #): APL OR AEL:  
TECH MANUAL: REV. ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

96 NSN: 3439 - 00 - 088 - 8989  
MANUFACTURER: ~~ARCOS INDUSTRIES L.L.C.~~ MIL SPEC. PROMUL. BY MILITARY  
PHONE: 570 - 339 - 5200

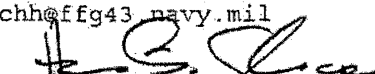
ITEM OR TRADE NAME: ROD, WELDING

PART NUMBER OR SPECIFICATION: MIL-E-21562, TY-MIL-RN67

UNIT OF ISSUE: BX UNIT OF MEASURE: 10 LB

CNJBB  
5/N1/A

**IV. ENDORSEMENTS**

REQUESTORS NAME: FULTON RANK: HT1  
EMAIL: fultonk@ffg43.navy.mil DATE PREPARED: 1/16/2013  
COMMANDER OR DESIGNEE NAME: Lynch RANK: CDR  
EMAIL: lynchhoffg43.navy.mil DATE: 1/16/2013  
SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Email to: wraps.prime.fct@navy.mil

or

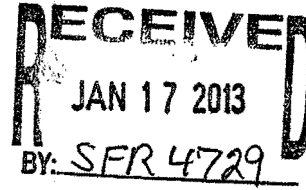
Mail to:

Commanding Officer, NAVSUP Weapon Systems Support  
P.O. Box 2020, Code M0772  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Igmen, M. LS1 [igmenm@ffg43.navy.mil]  
**Sent:** Thursday, January 17, 2013 7:41 PM  
**To:** wraps.prime.fct  
**Cc:** Musni, R. LSC; Dejesus, D. LS1; Pador, M. LS1; Fulton, K. HT1; Weatherspoon, A. LT  
(Supply Officer)  
**Subject:** ROD , WELDING  
**Attachments:** [Untitled].pdf



Sir or Ma'am,

The following attachment is subject to the requisition R21110-3017-0741, your assistance is greatly appreciated on this matter. Thank you for your support.

Very Respectfully,

LS1(SW/AW)IGMEN

CUSTODIAN OF POSTAL EFFECT

HAZMAT MANAGER

PACK UP KIT SUPERVISOR

PHONE: 619-556-4023

EMAIL: IGMENM@FFG43.NAVY.MIL

ALONE YOU CAN DO SO LITTLE,

BUT TOGETHER WE CAN DO SO MUCH.



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 22, 2013 1:08 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS THACH (tha@saltsmail.salts.navy.mil); Igmen, M. LS1; Musni, R. LSC; Dejesus, D. LS1; Pador, M. LS1; Fulton, K. HT1; Weatherspoon, A. LT (Supply Officer); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS THACH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4729

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4729) ROD, WELDING (Part# MIL-E-21562, TYPE MIL-RN67), NSN: 3439-00-088-8989  
(d) POC for the USS Thach (FFG-43): LS1 (SW/AW) Igmen  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

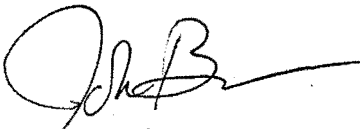
5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/005  
22 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4729)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4729) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
FCR Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 10:23 AM  
**To:** 'USS MCCLUSKY'; 'ajohnson@ffg41.navy.mil'; 'mismith@ffg41.navy.mil'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salt.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS MCCLUSKY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4730 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS McClusky (FFG-41)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS2 (AW) Andrew Johnson

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4730) INSULATING COMPOUND, ELECTRICAL (Part# GMA080), NSN: 5970-01-274-5305  
(d) POC for the USS McClusky (FFG-41): LS2 (AW) Andrew Johnson  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4730 per ref (e):

Mike,

USS McClusky (FFG 41)

SFR #4730: The SFR requested material (NSN: 5970-01-274-5305; Insulating Compound, Electrical) is not authorized for use. There are six (6) authorized NSN'S on the FFG Type SHML that match the requested nomenclature: 5970-00-241-5406, 5970-00-295-7658, 5970-01-013-8611, 5970-01-029-7961, 5970-01-148-3397, and 5970-01-157-9469. It is recommended that one of the 6 authorized NSN'S be used in place of the requested material. If the recommended NSN'S are not adequate, please provide more detailed requirements to Code 635 for further investigation.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 5970-01-274-5305 IS NOT APPROVED FOR USE. In lieu of the requested product, use alternate NSN's: 5970-00-241-5406, 5970-00-295-7658, 5970-01-013-8611, 5970-01-029-7961, 5970-01-148-3397, and 5970-01-157-9469 which have been updated in the Master SHML and the FFG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, January 25, 2013 1:17 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFR # 4730  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

SHML UPDATED (Su)

Mike,

USS McClusky (FFG 41)

SFR #4730: The SFR requested material (NSN: 5970-01-274-5305; Insulating Compound, Electrical) is not authorized for use. There are six (6) authorized NSNs on the FFG Type SHML that match the requested nomenclature: 5970-00-241-5406, 5970-00-295-7658, 5970-01-013-8611, 5970-01-029-7961, 5970-01-148-3397, and 5970-01-157-9469. It is recommended that one of the 6 authorized NSNs be used in place of the requested material. If the recommended NSNs are not adequate, please provide more detailed requirements to Code 635 for further investigation.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

su ✓  
ALL T-SHMLs EXCEPT LCS.  
9-NI-B  
9B

Reji Do not add.

su ✓  
5-TG-B  
ALL T-SHMLs EXCEPT LCS  
9B

su ✓  
F.FI-H  
AO/AOE/LCS/SB-NO  
9B

su ✓  
ALL T-SHMLs EXCEPT  
LCS/SB  
F/F2/H  
9B

su ✓  
5/TG/H  
ALL T-SHMLs EXCEPT LCS.  
9B

su ✓  
F/F2/H  
ALL T-SHMLs EXCEPT  
AO/LCS  
9B

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 1/22/2013 <b>FPO#:</b> AP96672 - 1496 <b>UIC#:</b> 21108 <b>TYCOM:</b> SURFPAC			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4730  <b>ATTACHED FROM (SHIP):</b> USS MCCLUSKY (FFG-41)  <b>PRODUCT NAME:</b> INSULATING COMPOUND, ELECTRICAL  <b>DATE ON SFR:</b> 1/18/2013
NAVICP-M	1/22/2013	MC	<b>NSN/NIIN:</b> 5970-01-274-5305 <b>CAGE:</b> 7Z197
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> GMA080
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) CPNQM
			<b>MIP:</b> NONE
			<b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE
			<b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> T/T7/H 5 GALLON CAN.

RECEIVED  
JAN 22 2013  
BY: SFR 4730

AP96672-1496

Current Date: 1/18/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS McCLUSKY

HULL NUMBER: FFG41

TYCOM: SURFPAC

UIC: 21108

Serial Number: N/A

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
ELECTRICAL INSULATING COMPOUND IS NEEDED TO MEET BASIC SAFETY REQUIREMENTS FOR GETTING  
UNDERWAY.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

96 NSN: 5970 - 01 - 274 - 5305

MANUFACTURER: DESQTO INTERNATIONAL, INC

PHONE: 661 - 678 - 4209

ITEM OR TRADE NAME: ~~ELECTRICAL~~ INSULATING COMPOUND, ELECTRICAL

PART NUMBER OR SPECIFICATION: GMA080

UNIT OF ISSUE: CN

UNIT OF MEASURE: 5GAL

**IV. ENDORSEMENTS**

REQUESTORS NAME: SMITH, MICHAEL

RANK: E4

EMAIL: MISMIT@FFG41.NAVY.MIL

DATE PREPARED: 18JAN2013

COMMANDER OR DESIGNEE NAME: SCHNEIDER, CHRISTINE

RANK: LT

EMAIL: CSCHNEIDER@FFG41.NAVY.MIL

DATE: 18JAN2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

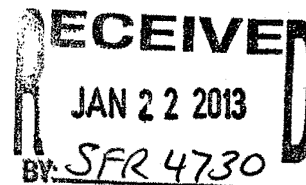
Email: wraps.prime.fct@navy.mil



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Knarr, Mike CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 22, 2013 6:09 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: URGENT SHMIL ADDTION  
**Attachments:** CCF01182013\_00000.pdf  
**Signed By:** mike.knarr@navy.mil



-----Original Message-----

**From:** Johnson\_Andrew\_LS2(AW) [<mailto:ajohnson@ffg41.navy.mil>]  
**Sent:** Friday, January 18, 2013 12:47  
**To:** Knarr, Mike CIV NAVSUP WSS, M077  
**Cc:** [mismith@ffg41.navy.mil](mailto:mismith@ffg41.navy.mil); Ting\_Samuel\_LSC  
**Subject:** RE: URGENT SHMIL ADDTION

Mike,

Attached is the request to add HAZMAT to our SHMIL.

V/r,  
LS2(SW/AW) Andrew Johnson  
USS McClusky (FFG41)  
[ajohnson@ffg41.navy.mil](mailto:ajohnson@ffg41.navy.mil)  
619-556-4377

-----Original Message-----

**From:** Knarr, Mike CIV NAVSUP WSS, M077 [<mailto:mike.knarr@navy.mil>]  
**Sent:** Friday, January 18, 2013 6:41 AM  
**To:** Johnson\_Andrew\_LS2(AW)  
**Subject:** RE: URGENT SHMIL ADDTION

Here they are.

Mike

-----Original Message-----

**From:** Johnson\_Andrew\_LS2(AW) [<mailto:ajohnson@ffg41.navy.mil>]  
**Sent:** Friday, January 18, 2013 9:28  
**To:** Knarr, Mike CIV NAVSUP WSS, M077  
**Subject:** RE: URGENT SHMIL ADDTION

Good morning,

Please send me the form and instructions. Thanks!

V/r,  
LS2(SW/AW) Andrew Johnson  
USS McClusky (FFG41)  
[ajohnson@ffg41.navy.mil](mailto:ajohnson@ffg41.navy.mil)  
619-556-4377

-----Original Message-----

**From:** Knarr, Mike CIV NAVSUP WSS, M077 [<mailto:mike.knarr@navy.mil>]  
**Sent:** Friday, January 18, 2013 3:16 AM

To: Johnson\_Andrew\_LS2(AW); [fran.stoudt@navy.mil](mailto:fran.stoudt@navy.mil)  
Cc: Ting\_Samuel\_LSC  
Subject: RE: URGENT SHMIL ADDTION

You will need to fill out an SFR and submit the usual way. If you do not know how, let me know and I will send the form and instructions.

Mike

-----Original Message-----

From: Johnson\_Andrew\_LS2(AW) [<mailto:ajohnson@ffg41.navy.mil>]  
Sent: Thursday, January 17, 2013 17:58  
To: [fran.stoudt@navy.mil](mailto:fran.stoudt@navy.mil); Knarr, Mike CIV NAVSUP WSS, M077  
Cc: Ting\_Samuel\_LSC  
Subject: URGENT SHMIL ADDTION

Good afternoon,

Request to add the below HAZMAT to our SHMIL. Please let me know if additional info is required. Thanks!

UIC - R21108

USS McClusky (FFG41)

NSN - 5970-01-274-5305

Nomenclature - Insulating Compound, Electrical

V/r,

LS2(SW/AW) Andrew Johnson

USS McClusky (FFG41)

[ajohnson@ffg41.navy.mil](mailto:ajohnson@ffg41.navy.mil)

619-556-4377

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 22, 2013 2:01 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS MCCLUSKY; 'ajohnson@ffg41.navy.mil'; 'mismith@ffg41.navy.mil'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS MCCLUSKY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4730

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4730) INSULATING COMPOUND, ELECTRICAL (Part# GMA080), NSN: 5970-01-274-5305  
(d) POC for the USS McClusky (FFG-41): LS2 (AW) Andrew Johnson  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

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2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

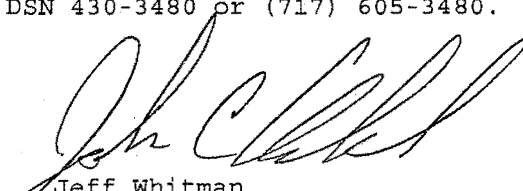
5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/006  
22 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4730)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4730) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman

For By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, January 10, 2014 11:14  
**To:** 'USS GEORGE WASHINGTON'; USS FREEDOM (bev@saltsmail.salts.navy.mil) (bev@saltsmail.salts.navy.mil); Merlino, Deborah S NSWCCD Philadelphia, 614; 'Medina-Garcia, Jose LSC (SW) (CVN73 S8A LCPO)'; 'McClanahan, Patrick CDR (CVN73 SUPPO)'; 'Griffin, Timothy LCDR (CVN73 ASUPPO)'; 'Bolinsky, Teri LTJG (CVN 73)'; 'Tyler, Otavis LS1 (CVN73 S6 Div)'; 'Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV)'; Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** NSN ASSIGNMENT (ANSWER): USS GEORGE WASHINGTON & USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4458 & 4731

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

**To:** Commander, USS George Washington (CVN-73) and the USS Freedom (LCS-1)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (UPDATE) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW) Jose Medina-Garcia and Sharron Jordan

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4458) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY)  
(d) (SFR #4731) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY)  
(e) USS George Washington (CVN-73), SFR 4458 Point Of Contact (POC), LSC (SW) Jose Medina-Garcia  
(f) USS Freedom (LCS-1), SFR 4731 POC, Sharron Jordan  
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(h) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received NSN assignment request for reference (c) and (d) SFR product from reference (e) and (f). Ref (g) approved ref (c) and (d) request for product to be used and authorized an NSN to be assigned.

2. Upon reference (b) final review of the NSN Assignment package, reference (b) submitted the package to reference (h) TA for NSN assignment. Reference (h), has provided the current status of these NSN assignment requests as follows:

Ref (c) SFR #4458 and ref (d) SFR #4731 T-NICN: 1H-0099-LL-H96-8511 has rolled over to NSN: 9B 9150-01-607-8241. NSN: 9B 9150-01-607-8241 has been added to the Master SHML and the "all" T-SHML's (minus the SB T-SHML) with an Allowed On Board (AOB) Code of "R" (RESTRICTED TO FIREFIGHTING MAINTENANCE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Thursday, February 21, 2013 6:13 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731--4739 (FINAL ANSWER)  
**Signed By:** matthew.ichniowski@navy.mil CONCERNING SFR 4731

Marianne,

*SFR #4731 UPDATED SFR ANSWER!*

No problem. Adjust the remarks as you see fit.

Matt

-----Original Message-----

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, February 20, 2013 4:01 PM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731--4739 (FINAL ANSWER)

Matt,

Thank you. Based on this information, I will update the SFR response to authorize NSN 9150-01-380-4235. I see in the SHML that the remarks for NSN 9150-01-380-4235 state "NAVAIR use only". Before I update the SFR response, I just want to confirm with you that it is okay to adjust the remarks to the following: "NAVAIR or Firefighting maintenance use only".

Respectfully,  
Marianne

*Correction Made  
in SHML 1-10-14.  
NJC*

*L/V3/H  
9B*

*all databases  
updated - NJC  
2-21-13*

-----Original Message-----

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Wednesday, February 20, 2013 13:41  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731--4739 (FINAL ANSWER)

Mike/Marianne,

We had some issues with the MOLYKOTE D-321R SPRAY late last year. I've attached some emails we had with DLA on the subject. It appears there is already an NSN available for the spray can of D-321R.

Matt

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 20, 2013 11:51 AM  
**To:** 'USS FREEDOM (bev@saltsmail.salts.navy.mil)'; Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD



**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Sent:** Tuesday, November 29, 2011 8:36 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077; Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR 4458 *AUD 4731*  
**Signed By:** sarah.phillips1@navy.mil

USS George Washington (CVN-73)

The SFR requested material (Lubricant Spray, NSN: None, Part Number: Molykote D 321 R Spray) is listed under SPMIG 15758 and is listed on MRC 61 G6YN N for firefighting equipment. The requested material should be assigned a National Stock Number. Upon NSN assignment, the requested material should be listed on the Master SHML and all Type SHMLs with an AOB Code of R - (Restricted to Firefighting maintenance) and be assigned an (MMI) Code of (Yes).

V/r,  
Sarah

*AO/AS/CG/CV/DG/FG/LC/  
LH/LP/MC/DK/MS/OT*

*90*

*R*

*F/V2/H*

Sarah Aschenbach  
Materials Engineer  
Naval Surface Warfare Center, Carderock Division Code 635  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 1000  
sarah.aschenbach@navy.mil  
ph. (215) 897-7401  
fax (215) 897-7268

For HAZMAT help, visit the Navy's Shipboard Environmental Information Clearinghouse at <https://www.nko.navy.mil/portal/seic/>

*1H-0099-LL-H96-8911  
SPRAY LUBRICANT  
12-400ML CANS PER CASE  
AAC-J  
A00-R  
SLAC = 00  
\$84.00*

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4731  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: MOLYKOTE LUBRICANT SPRAY  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 0099-LL-H96-8511 CAGE: 3CKV1
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MOLYKOTE D-321R SPRAY
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS <u>THIS</u> O=Obsolete; N=Not Determined) <u>T-NICN IS IN SHML</u> NICN HAS NOT CROSSED
			MSDS NUMBER: (NIH=Not in HMIRS) OVER TO NSN GET NIH AS OF 2-20-13.
			MIP: 5892
			MRC: 11 1PB9N
LCM/ISEA			MIP/MRC: NONE LLH968511 STILL A NICN. 10/31/13 APL: NONE 1-10-14 AEL: NONE 9B9150-01-607-8241
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 4458 IS APPROVED FOR ALL HULLS EXCEPT THE LCS AND SUBMARINE HULL T-SHML'S.			NOTES: FV3/YH 12 AEROSOL CANS PER CASE. SEE SFR 4458. THIS PRODUCT HAS BEEN APPROVED BY NSWCCD AND SENT OUT FOR NSN ASSIGNMENT AND WAS ASSIGNED THIS T-NICN. STILL WAITING FOR T-NICN 1H-0099-LL-H96-8511 TO CROSS OVER TO A NEW NSN. "IF" NSWCCD APPROVES THIS PRODUCT FOR THE LCS HULLS, WHEN THE NSN IS ASSIGNED I WILL APPLY IT TO THE LCS T-SHML.

AP96601-0102

(P) - LES  
(R) - MASTER

Current Date: 1/10/2013

RECEIVED  
JAN 22 2013  
BY: 4731

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NLS  
NIP  
NIDLSC  
NTH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Clean, Inspect and Lubricate all Locker Arm Lug Bolts.

ANOTHER POSSIBLE NSN IS 9150-01-380-4235 BUT BASED ON SPMIG # 15758 THE 0099-LL-H96-8511  
IS THE NSN PER NLL.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

(See SFR 4458)

MAINTENANCE INDEX PAGE (MIP) #: 5892

96-9150-01-607-8241

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1PB9N

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 0099 - LL H96 - 8511

Cage 3CKV1

MANUFACTURER: AVIATRIX INC.

PHONE: 503-925-7989 POC. WESS

ITEM OR TRADE NAME: MOLYKOTE LUBRICANT SPRAY

(\$84.00 per case)

PART NUMBER OR SPECIFICATION: D-321R SPRAY

UNIT OF ISSUE:

MOLYKOTE

UNIT OF MEASURE:

(AEROSOL)

12 CANS PER CASE

F/V3/H

**IV. ENDORSEMENTS**

\* When NSN is assigned to SFR 4458 ADVISE THIS  
REQUESTORS NAME: LSC Miguel Moranparra SFR SUBMITTER IF RANK: E-7 APPROVED BY  
NSWCCD.

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: CDK WILLIE

RANK: 05

EMAIL:

DATE: 17 JAN 13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 20, 2013 11:51 AM  
**To:** 'USS FREEDOM (bev@saltsmail.salts.navy.mil)'; Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731-4739 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Freedom (LCS-1)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

**Attn:** Sharron Jordan

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4731) MOLYKOTE LUBRICANT SPRAY, (Part# MOLYKOTE D-321R SPRAY) NSN: 0099-LL-H96-8511 - 9B9150-01-607-8241  
(d) (SFR #4732) LUBRICATING OIL, MINERAL, STEAM CYLINDER, (Part# MIL-PRF-53074), NSN: 9150-00-240-2260  
(e) (SFR #4733) COATER, FILTER, AIR CONDITIONER, (Part# 412), NSN: 4130-00-860-0042  
(f) (SFR #4734) GREASE, FOOD PROCESSING EQUIPMENT, (Part# DOD-G-24650; GERALYN AX/W2), NSN: 9150-01-209-6868  
(g) (SFR #4735) INSECT REPELLENT-PERSONAL APPLICATION, (Part# 67442-4 [051131-67442-4]), NSN: 6840-01-284-3982  
(h) (SFR #4736) GREASE, GENERAL PURPOSE, (Part# 13786 LUBRIPLATE DS-ES), NSN: 9150-01-349-2879  
(i) (SFR #4737) LUBRICATING OIL, GENERAL PURPOSE, (Part# 446-046 [TELLUS PREMIUM 46]), NSN: 9150-01-604-2245  
(j) (SFR #4738) LUBRICATING OIL, GEAR, (Part# SHELL OMALA S4 WE 320), NSN: NONE  
(k) (SFR #4739) GREASE, GENERAL PURPOSE, (Part# SHELL GADUS S2 V220 2),

*THIS SFR 4731 IS SEPARATE FROM THE OTHERS HERE - BUT IS IN SAME YELLOW FOLDER.*

NSN: NONE

- (1) POC for the USS Freedom (LCS-1): Sharron Jordan  
(m) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (k) SFR's from ref (1). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (m). The following information provides the current status of your SFR's.

2. Concerning ref (c) SFR# 4731 per ref (m):

Mike,

*\* IN SEPARATE CORRESPONDENCE IN THIS YELLOW FOLDER \**  
*98-9150-01-607-8241 See SFR 4458*

SFR #4731: The SFR requested material (NSN: 0099-LL-H96-8511; Molykote lubricant spray) is required per SPMIG [15758] of MRC PB9N. Therefore, it is recommended that the Allowed On Board (AOB) code be changed from P to R on the LCS T-SHML.

Therefore, T-NICN: 1H-0099-LL-H96-8511 IS APPROVED FOR USE and will be updated in the SHML with an AOB code of "R" (RESTRICTED TO FIREFIGHTING MAINTENANCE USE ONLY).

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

3. Concerning ref (d) SFR# 4732 per ref (m):

SFR #4732: The SFR requested material (NSN: 9150-00-240-2260, Lubricating Oil) is required per the referenced MRC (1MF5); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain with an AOB of P - Prohibited on the LCS T-SHML.

Therefore, NSN: 9150-00-240-2260 IS NOT APPROVED and will remain listed on the LCS T-SHML with an AOB code of "P" (PROHIBITED FOR SHIPBOARD USE).

Marianne

4. Concerning ref (e) SFR# 4733 per ref (m):

SFR #4733: The SFR requested material (NSN: 4131-00-860-0042; Coater, Filter, Air Conditioner) is required per SPMIG [02958] of MRC 1PJ8. Therefore, it is recommended that the AOB code be changed from P to R on the LCS T-SHML.

Therefore, NSN: 4131-00-860-0042 IS APPROVED FOR USE and will be updated on the LCS T-SHML with an AOB code of "R" (RESTRICTED).

Marianne

5. Concerning ref (f) SFR# 4734 per ref (m):

SFR #4734: The SFR requested material (NSN: 9150-01-209-6868; Grease, Food Processing) is required per the referenced MRC (G3DD); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain with an AOB of P - Prohibited on the LCS T-SHML.

Marianne

Therefore, NSN: 9150-01-209-6868 IS NOT APPROVED FOR USE and will remain on the LCS T-SHML with an AOB code of "P" (PROHIBITED FOR SHIPBOARD USE).

6. Concerning ref (g) SFR# 4735 per ref (m):

SFR #4735: The SFR requested material (NSN: 6840-01-284-3982; Insect Repellant - Personal Application) is a Ship's Force general use item. There is currently only a clothing application insect repellant authorized on the LCS T-SHML, but not a personal application repellant authorized. The repellant would be stored and issued by the medical department. Therefore, it is recommended that the AOB code be changed from P to R on the LCS T-SHML.

Marianne

Therefore, NSN: 6840-01-284-3982 IS APPROVED FOR USE and will be updated on the LCS T-SHML with an AOB code of "R" (RESTRICTED FOR USE BY MEDICAL DEPARTMENT, RELEASE TO SHIP'S FORCE CONTROLLED BY SHIPBOARD HOSPITAL CORPSMAN).

7. Concerning ref (h) SFR# 4736 per ref (m):

SFR #4736: The SFR requested material (NSN: 9150-01-349-2879; Grease, General Purpose) is required per SPMIG [15823] of MRC 1PB8. Therefore, it is recommended that the requested material be added to the Master SHML and LCS T-SHML with an AOB code of R - restricted to use for SPMIG [15823].

Marianne

Therefore, NSN: 9150-01-349-2879 IS APPROVED FOR USE and will be added to the Master SHML and the LCS T-SHML with an AOB code of "R" (RESTRICTED TO USE FOR SPMIG 15823).

8. Concerning ref (i) SFR# 4737 per ref (m):

*updated - see letter (email) attached after Page 4 here.*  
SFR #4737: The SFR requested material (NSN: 9150-01-604-2245; Lubricating Oil, General Purpose) is required per SPMIG [12939] of MRC 1PB8. However, NSN: 9150-00-993-6621 also meets the requirements of SPMIG [12939] and is already authorized with an AOB code of A on the LCS T-SHML. Therefore, it is recommended that NSN: 9150-00-993-6621 is used as an alternative to the requested material.

Marianne

Therefore, NSN: 9150-01-604-2245 IS NOT APPROVED FOR USE. Use NSN: 9150-00-993-6621 which will be updated in the Master SHML and the LCS T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

9. Concerning ref (j) SFR# 4738 and ref (k) SFR# 4739 per ref (m):

SFR #4738: The SFR requested material (NSN: none; Lubricating Oil, Gear) is required per the referenced MRC (1PB6); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain unlisted in the SHML.

SFR #4739: The SFR requested material (NSN: none; Grease, General Purpose) is required per the referenced MRC (1PB2); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain unlisted in the SHML.

Marianne

Therefore, these two SFR's 4738 & 4739 ARE NOT APPROVED FOR USE and will not be added to the SHML.

10. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, May 22, 2013 2:12 PM  
**To:** USS FREEDOM (bev@saltsmail.salts.navy.mil); Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4737 (FINAL ANSWER-REVISED)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Freedom (LCS-1)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Sharron Jordan

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4737) LUBRICATING OIL, GENERAL PURPOSE, (Part# 446-046; TELLUS PREMIUM 46), NSN: 9150-01-604-2245  
(d) POC for the USS Freedom (LCS-1): Sharron Jordan  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4737 per ref (e):

Mike,

I have an update for SFR #4737.



The SFR requested material (NSN: 9150-01-604-2245; Lubricating Oil, General Purpose) is required per SPMIG [12939] of MRC 1PB8. NSN 9150-00-993-6621 was originally recommended as a substitute; however, it has been determined to be incompatible. Therefore, it is recommended that the requested material be authorized on the LCS T-SHML with an AOB code of A - Authorized. The SHML remarks section for the requested NSN should be updated to remove "See alt NIINs for LCS hulls."

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 9150-01-604-2245 IS APPROVED FOR USE and has been updated on the Master SHML and the LCS T-SHML with an Allowed On Board (AOB) code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, May 22, 2013 1:07 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Stewart, Robert J CIV NSWCCD Philadelphia, 6350  
**Subject:** RE: USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731-4739 (FINAL ANSWER)  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

I have an update for SFR #4737. ~~\*\*\*\*\*~~ 9B

The SFR requested material (NSN: 9150-01-604-2245; Lubricating Oil, General Purpose) is required per SPMIG [12939] of MRC 1PB8. NSN 9150-00-993-6621 was originally recommended as a substitute; however, it has been determined to be incompatible. Therefore, it is recommended that the requested material be authorized on the LCS T-SHML with an AOB code of A - Authorized. The SHML remarks section for the requested NSN should be updated to remove "See alt NIINS for LCS hulls."

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 20, 2013 11:51  
**To:** 'USS FREEDOM (bev@saltsmail.salts.navy.mil)'; Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731-4739 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Freedom (LCS-1)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Tuesday, February 19, 2013 3:32 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFRs #4731-4739  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

*update OT/MS also!*

Mike,

USS Freedom (LCS 1)

*9B-9150-01-607-8241*  
*1M — good "P" TO "R"*  
*ALL T-SHMLS EXCEPT LC/SB, F-V3-H*  
SFR #4731: The SFR requested material (NSN: 0099-LL-H96-8511; Molykote lubricant spray) is required per SPMIG [15758] of MRC PB9N. Therefore, it is recommended that the AOB code be changed from P to R on the LCS T-SHML.

*9B S-V6-H ALL T-SHMLS EXCEPT MS/LC.*  
SFR #4732: The SFR requested material (NSN: 9150-00-240-2260, Lubricating Oil) is required per the referenced MRC (1MF5); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain with an AOB of P. Prohibited on the LCS T-SHML.

*9B S-V6-H ALL T-SHMLS EXCEPT MS/LC.*  
SFR #4733: The SFR requested material (NSN: 4131-00-860-0042; Coater, Filter, Air Conditioner) is required per SPMIG [02958] of MRC 1PJ8. Therefore, it is recommended that the AOB code be changed from P to R on the LCS T-SHML.

*9B S-V6-H ALL T-SHMLS EXCEPT MS/LC.*  
SFR #4734: The SFR requested material (NSN: 9150-01-209-6868; Grease, Food Processing) is required per the referenced MRC (G3DD); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain with an AOB of P. Prohibited on the LCS T-SHML.

*9B S-V6-H ALL T-SHMLS EXCEPT MS/LC.*  
SFR #4735: The SFR requested material (NSN: 6840-01-284-3982; Insect Repellent - Personal Application) is a Ship's Force general use item. There is currently only a clothing application insect repellent authorized on the LCS T-SHML, but not a personal application repellent authorized. The repellent would be stored and issued by the medical department. Therefore, it is recommended that the AOB code be changed from P to R on the LCS T-SHML.

*9B S-V6-B LCS T-SHML ONLY.*  
SFR #4736: The SFR requested material (NSN: 9150-01-349-2879; Grease, General Purpose) is required per SPMIG [15823] of MRC 1PB8. Therefore, it is recommended that the requested material (be added) to the Master SHML and LCS T-SHML with an AOB code of R - restricted to use for SPMIG [15823].

*USE THIS NSN*  
SFR #4737: The SFR requested material (NSN: 9150-01-604-2245; Lubricating Oil, General Purpose) is required per SPMIG [12939] of MRC 1PB8. However, NSN: 9150-00-993-6621 also meets the requirements of SPMIG [12939] and is already authorized with an AOB code of A on the LCS T-SHML. Therefore, it is recommended that NSN: 9150-00-993-6621 is used as an alternative to the requested material.

*5106/B 9B*  
SFR #4738: The SFR requested material (NSN: none; Lubricating Oil, Gear) is required per the referenced MRC (1PB6); however, the MRC states that maintenance is to be performed by off-ship maintenance personnel. Therefore, the item should remain with an AOB of P. Prohibited on the LCS T-SHML.

*USE AS CV/AG/LC/K/P*  
SFR #4739: The SFR requested material (NSN: none; Grease, General Purpose) is required per the referenced MRC (1PB2); however, the MRC states that maintenance is to be performed by

~~off-ship maintenance personnel. Therefore, the item should remain with an AOB of P~~  
~~Prohibited on the LCS I-SHML.~~

*NOT BE ADDED TO THE SHML.*

Respectfully,  
Marianne

*Per Marianne He  
phon con  
2-20-13  
1151 hrs*

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 23, 2013 2:44 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS FREEDOM (bev@saltsmail.salts.navy.mil); Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS FREEDOM: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4731--4739

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4731) MOLYKOTE LUBRICANT SPRAY, (Part# MOLYKOTE D-321R SPRAY), NSN: 0099-LL-H96-8511 - 016078241  
(d) (SFR #4732) LUBRICATING OIL, MINERAL, STEAM CYLINDER, (Part# MIL-PRF-53074), NSN: 9150-00-240-2260  
(e) (SFR #4733) COATER, FILTER, AIR CONDITIONER, (Part# 412), NSN: 4130-00-860-0042  
(f) (SFR #4734) GREASE, FOOD PROCESSING EQUIPMENT, (Part# DOD-G-24650; GERALYN AX/W2), NSN: 9150-01-209-6868  
(g) (SFR #4735) INSECT REPELLENT-PERSONAL APPLICATION, (Part# 67442-4 [051131-67442-4]), NSN: 6840-01-284-3982  
(h) (SFR #4736) GREASE, GENERAL PURPOSE, (Part# 13786 LUBRIPLATE DS-ES), NSN: 9150-01-349-2879  
(i) (SFR #4737) LUBRICATING OIL, GENERAL PURPOSE, (Part# 446-046 [TELLUS PREMIUM 46]), NSN: 9150-01-604-2245  
(j) (SFR #4738) LUBRICATING OIL, GEAR, (Part# SHELL OMALA S4 WE 320), NSN: NONE

(k) (SFR #4739) GREASE, GENERAL PURPOSE, (Part# SHELL GADUS S2 V220 2),

NSN: NONE

(l) POC for the USS Freedom (LCS-1): Sharron Jordan

(m) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (k) SFR's from ref (l). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (m). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (m) for further review and analysis. Upon ref (m) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (m) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/007  
23 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4731-4739)

1. Enclosure (1) contains a packet of nine (9) SFR's (SFR# 4731-4739) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

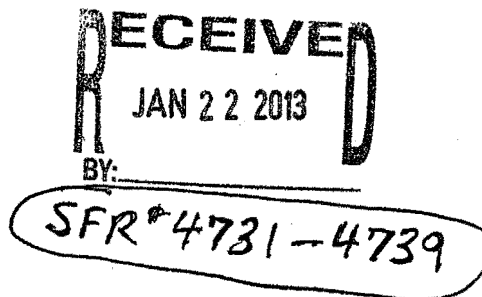
*S.H. Markher*  
for Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Sent:** Tuesday, January 22, 2013 11:48 AM  
**To:** wraps.prime.fct  
**Cc:** Jordan, Sharron Y CIV NAVSUP FLC San Diego, Code 441  
**Subject:** LCS-1 USS FRREDOM SFR  
**Attachments:** 00421.PDF  
**Signed By:** SHARON.JORDAN@NAVY.MIL

V/R,  
Sharron Jordan  
Lead LCS CHRIMP TECH  
NAVSUP FLC SAN DIEGO  
HAZMAT MANAGEMENT DIVISION CODE 441  
Office Tel (619)556-8345  
CELL(619) 565-7661  
Fax Nbr (619)556-0437





## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4732  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: LUBRICATING OIL, MINERAL, STEAM CYLINDER  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 9150-00-240-2260 CAGE: 81349
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MIL-PRF-53074
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CRYFG
			MIP: 5892
			MRC: 11 1MF5 N
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 595 - A			NOTES: S/V6/B 5 GALLON CAN.

RECEIVED  
JAN 22 2013  
BY: SFR\* 4732

Current Date: 1/10/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(A) MASTER  
(P) LCS

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Inspect and Renew Oil in Hoist Gearbox.

See SFR 585 - A

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 5892

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1MF5 N

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 9150 - 00 - 240 - 2260

MANUFACTURER: MILITARY SPEC, PRODUCED BY MILITARY

PHONE: \_\_\_\_\_

Cage 81349

ITEM OR TRADE NAME: LUBRICATING OIL, MINERAL, STEAM CYLINDER

PART NUMBER OR SPECIFICATION: MIL-PRF-53074

UNIT OF ISSUE: CN

UNIT OF MEASURE: 5GL

CRYFG

**IV. ENDORSEMENTS** Cage PXH81/INTERNATIONAL LUBRICANTS CO.

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: LCDR WILKE

RANK: O5

EMAIL:

DATE: 17 JAN 13

SIGNATURE: BW

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 1/22/2013    FPO#: AP96601 - 0102    UIC#: 20126    TYCOM: SURFPAC</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:    SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4733</b>  <b>ATTACHED FROM (SHIP):    USS FREEDOM (LCS-1)</b>  <b>PRODUCT NAME: COATER, FILTER, AIR CONDITIONER</b>  <b>DATE ON SFR:    1/17/2013</b>
<b>NAVICP-M</b>	<b>1/23/2013</b>	<b>MC</b>	<b>NSN/NIIN: 4130-00-860-0042    CAGE: 82866</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>412</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined)</b> <b>P</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>CWVRB</b>
			<b>MIP: 4373</b>
			<b>MRC: 40 1PJ8 N</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>
			<b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: NONE</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: 5/T6/A    20-10 OUNCE CONTAINERS PER BOX.</b>

Current Date: 1/11/2013

RECEIVED  
JAN 22 2013  
BY: SFR 4733

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(A) - MASTER  
(P) - LCS  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Inspect and Clean Air Filters.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 4373

MAINTENANCE REQUIREMENT CARD (MRC #: 40 1PJ8 N

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 4130-00-860-0042

MANUFACTURER: RESEARCH PRODUCTS CORP. PHONE: 608-257-8801

ITEM OR TRADE NAME: COATER, FILTER, AIR CONDITIONER

PART NUMBER OR SPECIFICATION: 412

UNIT OF ISSUE: EA

UNIT OF MEASURE: 20-10 02 CONTAINERS PER BX.

CWVRB  
5/76/A

**IV. ENDORSEMENTS**

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 11, 2013

COMMANDER OR DESIGNEE NAME: CDR WILKE

RANK: O5

EMAIL:

DATE: 17 JAN 13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4734  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: GREASE, FOOD PROCESSING EQUIPMENT  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 9150-01-209-6868 CAGE: 81349
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: DOD-G-24650; GERALYN AX/W2
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CSVFC
			MIP: 6516  MRC: 11 G3DD N
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 1670 - A			NOTES: S/V6/B 1 POUND CAN.

RECEIVED  
JAN 22 2013  
BY: SFR 4734

Current Date: 1/10/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(A) - MASTER  
(P) - LCS

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
Lubricate Planetary Gears.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

See SFR 1670 - A

MAINTENANCE INDEX PAGE (MIP) #: 6516

MAINTENANCE REQUIREMENT CARD (MRC #: 11 G3DD N

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 9150-01-209-6868

MANUFACTURER: MILITARY SPEC, PROMUL BY MILITARY

PHONE:

Page 81349

ITEM OR TRADE NAME: GREASE, FOOD PROCESSING EQUIPMENT

PART NUMBER OR SPECIFICATION: DOD-G-24650

UNIT OF ISSUE: CN

UNIT OF MEASURE: 1 LB

CSVFC  
S/V610

**IV. ENDORSEMENTS** Page 14873 / FUCHS LUBRICANTS CO. / P/N = GERALYN

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: COR WILLIE

RANK: 85

EMAIL:

DATE: 17 JAN 13

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4735  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: INSECT REPELLENT-PERSONAL APPLICATION  DATE ON SFR: 1/14/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 6840-01-284-3982 CAGE: 2Y823
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 67442-4 (051131-67442-4)
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) DCJHO
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/A 60 ML (2 OUNCE TUBES). UNKNOWN COUNT PER BOX.

RECEIVED  
JAN 22 2013  
BY: SFR 4735

Current Date: 1/15/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(R) MASTER  
(P) LCS  
NIT

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM HULL NUMBER: LCS-1 TYCOM: CHOOSE ONE  
VIC: R20126 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

Insect repellent for Ship's Force to use during deployment. Will be controlled by HM1 onboard.

CURRENTLY USED NEM OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

III. MANUFACTURER DATA (If requested NEM is provided proceed to section IV)

NSN: 6840-01-284-3982

MANUFACTURER: 3M COMPANY

PHONE: 800-537-2191

ITEM OR TRADE NAME: INSECT REPELLENT - PERSONAL APPLICATION

PART NUMBER OR SPECIFICATION: 67442-4 (051131-67442-4)

UNIT OF ISSUE: BX

UNIT OF MEASURE: 60 ML (202 TUBES)

Cage 24823

DCJHO

5/16/A

IV. ENDORSEMENTS

REQUESTOR'S NAME: LSC Mary Nunez

RANK: E-7

EMAIL: maryann.nunez@navy.mil

DATE PREPARED: January 15, 2013

COMMANDER OR DESIGNEE NAME: COL WILHE

RANK: O5

EMAIL:

DATE: 17 JAN 17

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil



## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4736  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: GREASE, GENERAL PURPOSE  DATE ON SFR: 1/17/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 9150-01-349-2879 CAGE: 73219
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 13786 LUBRIPLATE DS-ES
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) BSVRP
			MIP: 5892  MRC: 11 1PB8 Y
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
	14 OZ CARTRIDGE AAC-L		TECHNICAL MANUAL: NONE
	COG 9B		AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/B [REDACTED] NO COG. 1.75 OZ TU. NO CHARACTERISTICS DATA. NO REQUISITION HISTORY. NO MANAGEMENT DATA. NSN MAINTENANCE ACTIONS NO LONGER AUTHORIZED.

Current Date: 1/10/2013

RECEIVED  
JAN 22 2013  
BY: SFR 4736

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Inspect Oil Level in Air Lubricator on Control Trolley.  
Inspect Water Condensation Level in Air Filter Regulator on Control Trolley  
Inspect Hydraulic Oil Level in Low-Level Sight Glass on Air Hydraulic Pump in each drive Unit.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

NO MANAGEMENT DATA

**II. TECHNICAL DATA**

NO COG

NO CHARACTERISTICS DATA

NO REQUISITION DATA

MAINTENANCE INDEX PAGE (MIP) #: 5892

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1PB8 Y

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 9150 - 01 - 349 - 2879

Cage 73219

MANUFACTURER: FISKE BROS REFINING CO. PHONE: 973-578-2692

ITEM OR TRADE NAME: GREASE, GENERAL PURPOSE

36 TUBES  
PER CASE

PART NUMBER OR SPECIFICATION: 13786 LUBRIPLATE DS-ES

UNIT OF ISSUE: TU

UNIT OF MEASURE: 1 3/4 OZ 126°

BSVRP  
S/VG/B

**IV. ENDORSEMENTS**

NO COG, MANAG. DATA, CHARACTERISTICS DATA.

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

UNABLE TO GET IT  
LOGGED

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: CDR WILKE

RANK: O5

EMAIL:

DATE: 17 Jan 13

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4737  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: LUBRICATING OIL, GENERAL PURPOSE  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: 9150-01-604-2245 CAGE: 54527
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 446-046 (TELLUS PREMIUM 46)
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) DFMTL
			MIP: 5892  MRC: 11 1PB8 Y
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 5 GALLON CONTAINER.

Current Date: 1/10/2013

RECEIVED  
JAN 22 2013  
BY: SFR 4737

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(A) MASTER  
(P) LCS  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Inspect Oil Level in Air Lubricator on Control Trolley.  
Inspect Water Condensation Level in Air Filter Regulator on Control Trolley  
Inspect Hydraulic Oil Level in Low-Level Sight Glass on Air Hydraulic Pump in each drive Unit.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 5892

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1PB8 Y

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 9150 - 01 - 604 - 2245

Page 54527

MANUFACTURER: SHELL OIL CO,

PHONE: 281-544-7140

ITEM OR TRADE NAME: LUBRICATING OIL, GENERAL PURPOSE

PART NUMBER OR SPECIFICATION: 446-046 (TELLUS PREMIUM 46)

UNIT OF ISSUE: CO

UNIT OF MEASURE: 5 GAL

DFMTL  
S/V6/A

**IV. ENDORSEMENTS**

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: COL WIKKE

RANK: O5

EMAIL:

DATE: 17 JAN 13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013 FPO#: AP96601 - 0102 UIC#: 20126 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4738  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: LUBRICATING OIL, GEAR  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: --- CAGE: 54527
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: SHELL OMALA S4 WE 320
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 5892  MRC: 11 1PB6 Y
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 5 GALLON DRUM. PRODUCT NOT IN NAVY SUPPLY SYSTEM. NSN ASSIGNMENTS NO LONGER AUTHORIZED. SFR REQUESTER WILL ACCEPT SUITABLE SUBSTITUTE.

Current Date: 1/10/2013

**RECEIVED**  
JAN 22 2013

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

NIS  
NIT

BY: SFR 4738

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Change Hydraulic Oil in Air Hydraulic Pump on Each Drive Unit.  
Change Oil in Steering Gearbox on each drive unit.

WILL ACCEPT  
SUITABLE  
SUBSTITUTE

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

NOT IN NAVY SUPPLY  
SYSTEM.

MAINTENANCE INDEX PAGE (MIP) #: 5892

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1PB6 Y

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN:

Page 54527

MANUFACTURER: Shell Oil Co.

PHONE: 877-276-7285

(NEW NAME/ PART NO.)

CANNOT  
FORWARD LABEL

ITEM OR TRADE NAME: LUBRICATING OIL, GEAR

PART NUMBER OR SPECIFICATION: 5066345 SHELL OMALA S4 WE 320

UNIT OF ISSUE: DR

UNIT OF MEASURE: 5 GAL.

\$200.00 EA

S/VG/B

**IV. ENDORSEMENTS**

MSDS ATTACHED

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: CDR WILKE

RANK: O5

EMAIL:

DATE: 17 JAN 13

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

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P.O. Box 2020, Code M0772.22

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Fax: DSN 430-3480 or COM 717-605-3480

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**DEFENSE LOGISTICS AGENCY**  
**Defense Logistics Information Service**  
**BINCS - Business Identification Number Cross-reference System**

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### Company Details

Print View

**BINCS Information**  
**DUNS Number:**  
**JCP Cert. Number:**  
**CAGE Code: 54527**

**CAGE Information**  
**Company Name: SHELL OIL CO**  
**Status: Active Record**  
**Parent CAGE: 54527**  
**Address: 1 SHELL PLZ**  
**P.O. Box: 2463**  
**City: HOUSTON**  
**Zip: 77001**  
**CAO-ADP: S4402A-HQ0339**  
**State: TX**  
**County: HARRIS**  
**Voice Phone Number: 281-544-7140**  
**Fax Phone Number:**  
**Date CAGE Code Established: 11/4/1974**  
**Last Updated: 1/11/2005**  
**Point of Contact:**  
**Company Web Site:**

Web PROD1-v2.6.12144.1

Content Last Updated: 2012-08-06

Application v3.2.0

<http://www.logisticsinformationservice.dla.mil/BINCS/details.aspx?CAGE=54527>

1/23/2013

**DISTRIBUTION STATEMENT D:**

Distribution authorized to DOD components and DOD contractors only; Critical Technology; January 2011. Other requests for this document shall be referred to Naval Sea Systems Command (SEA 04RM). Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

Date: January 2011 MIP 5892 MRC: 11 1PB6 Y Periodicity: A-3R+

**Series:**

Location: See Location Guide List, below

Ship System: MECHANICAL HANDLING SYSTEMS 580  
System: MISCELLANEOUS MECHANICAL HANDLING SYSTEMS 585  
SubSystem: HANDLING EQUIPMENT (LCS-1 Class) 5892  
Equipment: LCS-1 Liden Container Mobilization Equipment

Rates	Man- Hours	Rates	Man- Hours	Rates	Man- Hours
EN3	1.0				
Total Man- Hours:	1.0	Elapsed Time:	1.0		

**MAINTENANCE REQUIREMENT DESCRIPTION**

1. Change Hydraulic Oil in Air Hydraulic Pump on Each Drive Unit.
2. Change Oil in Steering Gearbox on Each Drive Unit.

**SAFETY PRECAUTIONS**

1. Forces afloat comply with Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat, OPNAVINST 5100.19 series.
2. Do not perform any maintenance when a container is connected to the Container Mobilization Equipment.
3. All telescopic struts must be secured at their third (lowest) height during preventive maintenance.
4. Ensure all drive and tracking units are positioned at their lowest lifting height (fully down) during preventive maintenance.
5. All drive unit and tracking unit bogies must be locked during preventive maintenance.
6. Ensure all drive unit and tracking unit support wheels are properly connected and secured in the lowered position during preventive maintenance. Drive units and tracking units will fall over without support wheels correctly connected, secured, and positioned.
7. Ensure each drive unit's swiveling wheel No. 1 and each tracking unit's swiveling wheel No. 2 are locked and secured in a position longitudinal with unit during preventive maintenance.
8. All drive unit and tracking unit handle bars must be in the outer position and secured during preventive maintenance.
9. Always have positive control of the Container Mobilization Equipment.
10. Maintenance must be performed on a level, clean, and dry surface in an interior location not exposed to weather.
11. Avoid inhalation of, ingestion of, skin contact with, and eye contact with hazardous materials. Avoid use near heat or open flame and provide adequate ventilation. Consult work center supervisor if unsure whether ventilation is adequate and if respiratory protection is necessary. Use of safety goggles and gloves is required when performing this maintenance.

**TOOLS, PARTS, MATERIALS, TEST EQUIPMENT****MATERIALS**

1. [00294] Cloth, cleaning, lint free
2. [00307] Container (all types), No NSN - W/C provide
3. [00457] Panel
4. [02277] Pad, writing paper
5. [02278] Pencil
6. [11938] Tubing, nonmetallic, 1/4" Outer Diameter, 1/8" Inner Diameter (ID), Plastic, Vinyl
7. [12939] Lubricating oil, general purpose, Shell Tellus Oil 46  
Hazardous Material User's Guide (HMUG) Group 11, Disposal Method 1
8. [15823] Grease, general p, Lubplate DS-BS, CAGE 73219 Hazardous Material User's Guide (HMUG) Group 8, Disposal Method 1
9. [15761] Oil, Shell Tivela S 320, No NSN - W/C provide, Part No. 5066345, CAGE 54527  
Hazardous Material User's Guide (HMUG) Group 11, Disposal Method 1

**PARTS**

1. [15854] Gasket, for filler and drain plugs on steering gearbox, 1/4", No NSN - W/C provide, Part No. 71803053, CAGE A4432
2. [15825] Repair kit, air hydraulic pump, contains air filter, o-ring for swivel coupler, and o-rings for vent/fill plug, No NSN - W/C provide, Part No. FAMG1400K, CAGE 26952

**TOOLS**

1. [00715] Key set, socket head screw, 20 short series wrenches, 0.028" - 3/4"
2. [01009] Pliers, 6", long nose, side cutter
3. [01174] Screwdriver, cross tip, 6", P3
4. [01198] Screwdriver, flat tip, 6"

5. [01202] Screwdriver, flat tip, 8", insulated, 3/8" tip
6. [01454] Wrench set, socket, 3/8" sq drive, 23-PC set, 3/8"-13/16"
7. [01462] Wrench, adjustable, 6" heavy duty, 0.760" jaw open
8. [01466] Wrench, adjustable, 8" narrow/narrow, 0.970" jaw open
9. [02177] Gun assembly, station, Type 2, class C, pump type, push handle oiler, 1/2 quart, with 12" flexible vinyl hose
10. [02271] Flashlight, Type 3, style 1, explosive proof
11. [03672] Screwdriver, cross tip, 8", P4
12. [10786] Wrench set, combination box and open end, 8mm to 24mm
13. [11178] Wrench set, socket, 3/8" SQ. Drive, Metric, 6PT, 10mm-19mm
14. [12618] Key set, socket head screw, 2mm-17mm

**MISCELLANEOUS**

1. [01327] Stopwatch, Type 1, 3 position, 30 min. reg
2. [02086] Gloves, chemical and oil protective, disposable
3. [03707] Goggles, industrial, non-vented
4. [11922] Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28

NOTE: Numbers in brackets can be referenced to Standard PMS Materials Identification Guide (SPMIG) for identification.

**HAZARDOUS MATERIALS CONTROL STATEMENT(U)**

The Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28, provides additional control measures, precautions, personal protective equipment (PPE), and spill controls for the hazardous material(s) identified in the Tools, Parts, Materials, Test Equipment block. Maintenance personnel shall determine if additional PPE is necessary to accomplish the MRC and take appropriate action to obtain and wear such PPE to ensure the safety of maintenance personnel. Report any deficiencies via PMS feedback report.

**PROCEDURE**

- NOTE 1: Accomplish this maintenance requirement when any of the following periodicities or situations occur.
- a. Annually.
  - b. Every 10 hours of operation.

- NOTE 2: This procedure is intended to be scheduled and performed by Off-Ship Maintenance Personnel.

- NOTE 3: This procedure will be scheduled and performed by Off-Ship Maintenance Personnel.

WARNING: Do not perform any maintenance when a container is connected to the Container Mobilization Equipment.

WARNING: All telescopic struts must be secured at their third (lowest) height during preventive maintenance.

WARNING: Ensure all drive and tracking units are positioned at their lowest lifting height (fully down) during preventive maintenance.

WARNING: All drive unit and tracking unit bogies must be locked during preventive maintenance.

WARNING: Ensure all drive unit and tracking unit support wheels are properly connected and secured in the lowered position during preventive maintenance. Drive unit's and tracking units will fall over without support wheels correctly connected, secured, and positioned.

WARNING: Ensure each drive unit's swiveling wheel No. 1 and each tracking unit's swiveling wheel No. 2 are locked and secured in a position longitudinal with unit during preventive maintenance.

WARNING: All drive unit and tracking unit handle bars must be in the outer position and secured during preventive maintenance.

WARNING: Always have positive control of the Container Mobilization Equipment.

WARNING: Maintenance must be performed on a level, clean, and dry surface in an interior location not exposed to weather.

**Preliminary**

- a. Place the control cabinet's main system on/off switch in the "OFF" position.
- b. Disconnect control trolley from ship 115 VAC 1 PH 60 HZ power.
- c. Disconnect air hose on control trolley from ship air supply.



- d. Disconnect control trolley's air hoses and electrical control cables from each drive unit.
- e. Engage all control trolley wheel brakes, and then disconnect control trolley pushed from drive unit.

#### 1. Change Hydraulic Oil in Air Hydraulic Pump on Each Drive Unit.

**CAUTION:** Do not overfill the air hydraulic pump's hydraulic oil reservoir. Hydraulic oil must be changed with all drive and tracking units positioned at their lowest lifting height (fully down) to prevent overfilling the reservoir.

**WARNING:** Avoid inhalation of, ingestion of, skin contact with, and eye contact with hazardous materials. Avoid use near heat or open flame and provide adequate ventilation. Consult work center supervisor if unsure whether ventilation is adequate and if respiratory protection is necessary. Use of safety goggles and gloves is required when performing this maintenance.

- a. Put on goggles and gloves.

**NOTE 4:** The air hydraulic pump has no drain fitting. Hydraulic oil is removed through the vent/fill plug port using tubing and a suction gun.

- b. Clean area around the vent/fill plug with a clean dry cloth.
- c. Pull up the vent/fill plug past the first detente, and then remove plug from the air hydraulic pump.

**CAUTION:** Do not spill hydraulic oil onto Container Mobilization Equipment components.

**CAUTION:** Do not mix/contaminate Shell Tellus Oil 46 with other oils or substances.

- d. Insert a 1 foot length of 1/4 inch OD plastic tubing into the vent/fill plug port, and stop inserting the tubing when it reaches the bottom of the air hydraulic pump reservoir.
- e. Properly connect a suction gun with 12 inch flexible vinyl hose to the 1 foot length of plastic tubing, and then suction all hydraulic oil out of the air hydraulic pump reservoir; collect suctioned hydraulic oil in an empty, moisture-free waste container.
- f. Remove 1/4 inch OD plastic tubing and suction gun with hose from the air hydraulic pump.
- g. Inspect suctioned hydraulic oil for presence of moisture and metallic particles. If moisture or metallic particles are present, notify work center supervisor.
- h. Refill the hydraulic oil reservoir with new Shell Tellus Oil 46; use a clean dry funnel when filling, and fill hydraulic oil to the level at the bottom of the vent/fill plug port.
- i. Take note of the sizes of the two different o-rings on the vent/fill plug, and then take note of where these two o-rings are specifically located on the vent/fill plug.
- j. Remove both o-rings from the vent/fill plug.
- k. Clean the vent/fill plug with a clean dry cloth.
- l. Apply a thin film of Lubriplate DS-ES grease on two new, correct size/material, o-rings; obtain o-rings for the vent/fill plug from the air hydraulic pump repair kit.

**CAUTION:** The two differently sized new o-rings must be installed at the correct locations on the vent/fill plug.

- m. Properly install the two new o-rings onto the vent/fill plug.
- n. Insert the vent/fill plug into its port until it reaches the closed position; and then pull the vent/fill plug up to the vented position. See figure 1.

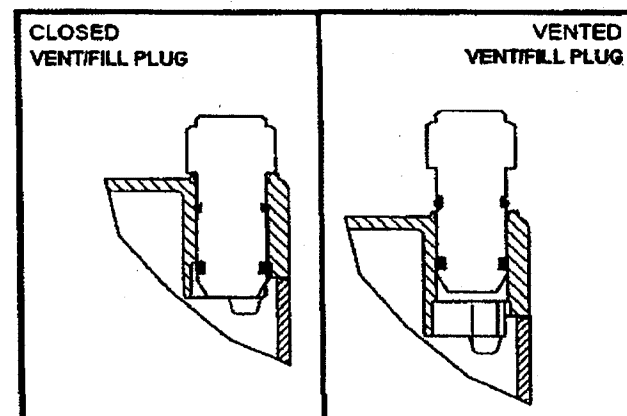


Figure 1

- a. Wipe up any hydraulic oil or debris on the exterior of the air hydraulic pump with a clean dry cloth.
- p. Repeat steps 1.b. through 1.o. for the other air hydraulic pump on the remaining drive unit.

#### 2. Change Oil in Steering Gearbox on Each Drive Unit.

**NOTE 5:** If any inspection result in step 2.a. is unsatisfactory, inform work center supervisor, and keep the Container Mobilization Equipment out of service until repaired.

- a. Inspect the exterior of the steering gearbox and exterior areas of the steering gearbox seals; check for leakage, damage, wear, pitting, discoloration, cracks, deep scratches or cuts, corrosion, and missing parts. Perform corrective actions as required.
- b. Clean area around the steering gearbox's filler plug and drain plug with a clean dry cloth.

**CAUTION:** Do not spill steering gearbox oil onto Container Mobilization Equipment components.

- c. Remove the steering gearbox's filler plug.
- d. Insert a 1 foot length of 1/4 inch OD plastic tubing into the vent/fill plug port, and stop inserting the tubing when it reaches the bottom of the steering gearbox reservoir.
- e. Properly connect a suction gun with 12 inch flexible vinyl hose to the 1 foot length of plastic tubing, and then suction all oil out of the steering gearbox reservoir; collect suctioned oil in an empty, moisture-free waste container.
- f. Remove 1/4 inch OD plastic tubing and suction gun with hose from the steering gearbox.
- g. Inspect suctioned oil for presence of moisture and metallic particles. If moisture or metallic particles are present, notify work center supervisor.
- h. Remove the steering gearbox's drain plug.
- i. Inspect drain plug for presence of metallic particles; if metallic particles are present, notify work center supervisor.
- j. Remove gasket from the filler plug.
- k. Clean the filler plug with a clean dry cloth.
- l. Properly install a new correct size/material gasket onto the filler plug.
- m. Remove gasket from the drain plug.
- n. Clean the drain plug with a clean dry cloth.
- o. Properly install a new correct size/material gasket onto the drain plug.
- p. Clean inside oil filler port recess with a clean dry cloth, and then clean inside oil drain port recess with a clean dry



Previous Name: **Shell Tivela S**

# Shell Omala S4 WE 320

## Advanced Synthetic Industrial Gear Oil

Shell Omala S4 WE is an advanced synthetic heavy duty industrial worm drive gear oil formulated using specially selected polyalkylene glycol base fluids and additives. It offers outstanding lubrication performance under severe operating conditions, including improved energy efficiency, long service life and high resistance to micro-pitting.

### Technical Data Sheet

- Extra Protection & Life
- Energy Saving
- Worm Drive Applications

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- **Long oil life - maintenance saving**

Shell Omala S4 WE is formulated to provide excellent oxidation and thermal stability, extending lubricant life and resisting the formation of harmful oxidation products at high operating temperatures. This helps maintain system cleanliness over extended maintenance intervals.

Shell Omala S4 WE offers the potential to extend service intervals significantly compared to conventional industrial gear oils.

- **Excellent wear protection**

Shell Omala S4 WE is formulated to have excellent load carrying capacity providing long component life even under shock loading conditions. It also has a high resistance to micro-pitting. These features provide benefits over mineral oil-based products in terms of gear and bearing component life.

- **Maintaining system efficiency**

Shell Omala S4 WE offers improved energy efficiency and lower operating temperatures in worm gear applications. Rig testing has shown efficiency improvements of up to 15% in comparison with mineral oil-based products and 11% over other synthetic hydrocarbon-based lubricants. These results have been confirmed by OEM testing and field experience.

- **Enclosed industrial worm gear systems**

Recommended for industrial worm gear reduction systems operating under severe operating conditions, such as high load, very low or elevated temperatures and wide temperature variations.

- **Extended life systems**

Shell Omala S4 WE is particularly recommended for certain systems where maintenance is infrequent or systems are inaccessible (eg yaw gears in wind turbine installations).

- **Other applications**

Shell Omala S4 WE oils are suitable for lubrication of bearings and other components in circulating and splash-lubricated systems.

Shell Omala S4 WE is not recommended for the lubrication of components manufactured from aluminium or aluminium alloys. For highly-loaded spur and helical gears the Shell Omala "G" series oils are recommended.

For automotive hypoid gears, the appropriate Shell Spirax Oil should be used.

#### Specifications, Approvals & Recommendations

- David Brown S1.53.105 G
- Fully approved by Bonfiglioli
- ISO 12925-1 Type CKE
- ANSI/AGMA 9005-E02 (EP)

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

#### Main Applications



## Compatibility & Miscibility

### Seal & Paint Compatibility

High quality epoxy paints are recommended, as polyalkylene glycols will tend to attack certain conventional paints. Shell Omala S4 WE has been found to be satisfactory with nitrile and Viton seal materials, although Viton seals are preferred.

### Change-over Procedure

Shell Omala S4 WE contains polyalkylene glycols and is not compatible with mineral oils or most other synthetic lubricant types. Care should be taken when changing from such products to Shell Omala S4 WE.

The system should be flushed with the minimum quantity of Shell Omala S4 WE, operating under no load and draining whilst warm. Ideally, seals exposed to mineral oils should also be replaced. Inspect the lubricant after a few days use. Ensure that oil systems are clean and free from contamination.

Shell Omala S4 WE is also not miscible with some other polyalkylene glycols, so caution is needed when topping-up. Generally the preference is to avoid mixtures by draining and refilling.

## Typical Physical Characteristics

Property	Unit	Typical Value
Appearance		Clear, pale yellow
Odour		Neutral
Flash point	°C	240
Fire point	°C	260
Auto-ignition temperature	°C	300
Viscosity at 40°C	cSt	320
Viscosity at 100°C	cSt	22
Viscosity index		150
Mass density at 15°C	kg/m <sup>3</sup>	870
Mass density at 40°C	kg/m <sup>3</sup>	860
Mass density at 100°C	kg/m <sup>3</sup>	840
Mass density at 150°C	kg/m <sup>3</sup>	820
Mass density at 200°C	kg/m <sup>3</sup>	800
Mass density at 250°C	kg/m <sup>3</sup>	780
Mass density at 300°C	kg/m <sup>3</sup>	760
Mass density at 350°C	kg/m <sup>3</sup>	740
Mass density at 400°C	kg/m <sup>3</sup>	720
Mass density at 450°C	kg/m <sup>3</sup>	700
Mass density at 500°C	kg/m <sup>3</sup>	680
Mass density at 550°C	kg/m <sup>3</sup>	660
Mass density at 600°C	kg/m <sup>3</sup>	640
Mass density at 650°C	kg/m <sup>3</sup>	620
Mass density at 700°C	kg/m <sup>3</sup>	600
Mass density at 750°C	kg/m <sup>3</sup>	580
Mass density at 800°C	kg/m <sup>3</sup>	560
Mass density at 850°C	kg/m <sup>3</sup>	540
Mass density at 900°C	kg/m <sup>3</sup>	520
Mass density at 950°C	kg/m <sup>3</sup>	500
Mass density at 1000°C	kg/m <sup>3</sup>	480

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

## Health, Safety & Environment

- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

### Protect the Environment

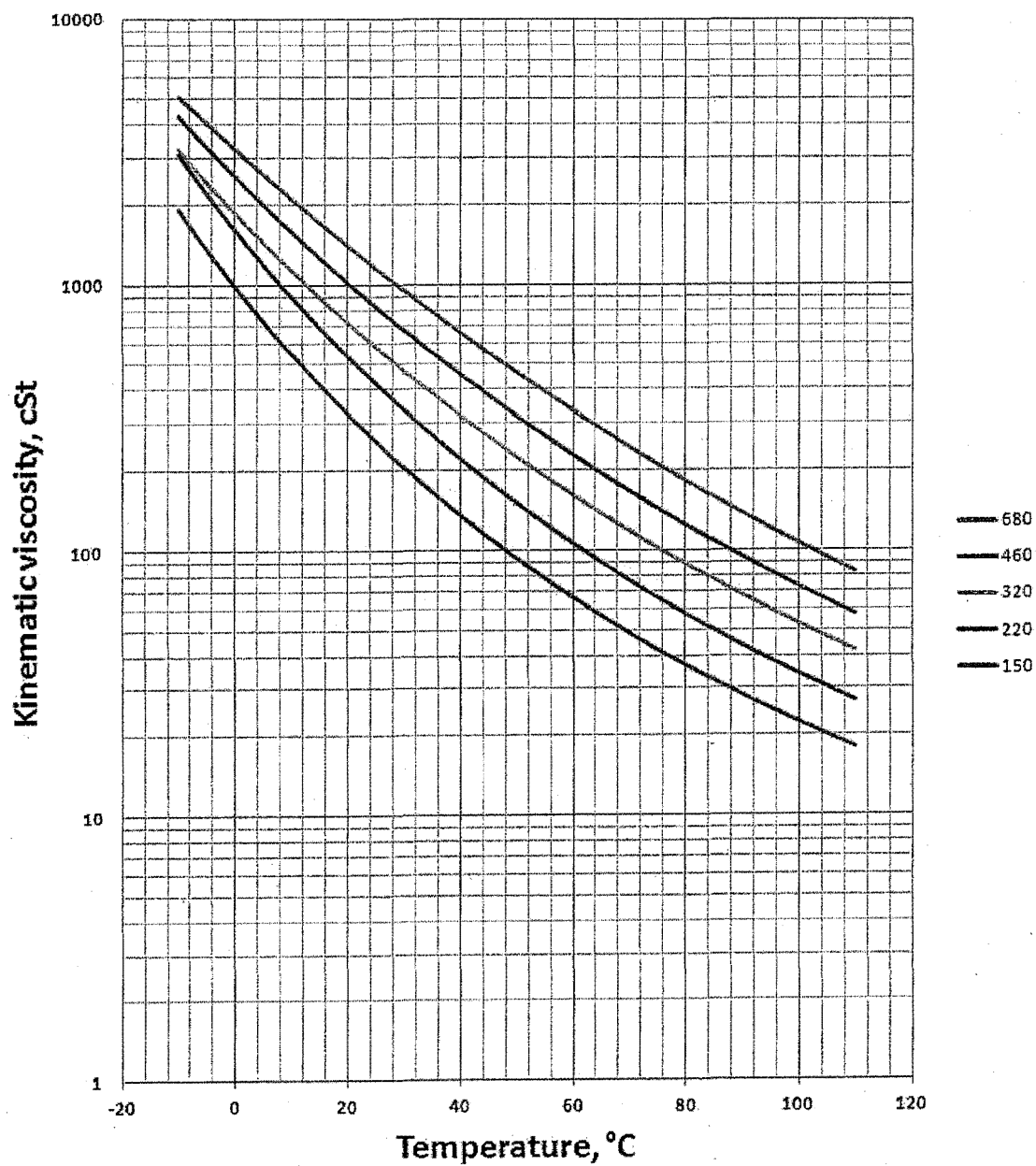
Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

## Additional Information

### Advice

Advice on applications not covered here may be obtained from your Shell representative.

# Viscosity - Temperature Diagram for Omala S4 WE



## Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR  
1910.1200

### 1. MATERIAL AND COMPANY IDENTIFICATION

**Material Name** : Shell Omala S4 WE 320  
**Uses** : Gear lubricant.

**Manufacturer/Supplier** : SOPUS Products  
PO BOX 4427  
Houston, TX 77210-4427  
USA

**MSDS Request** : 877-276-7285

**Emergency Telephone Number**  
**Spill Information** : 877-242-7400  
**Health Information** : 877-504-9351

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Blend of polyalkylene glycol and additives.  
The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.  
The highly refined mineral oil is only present as additive diluent.

### 3. HAZARDS IDENTIFICATION

Emergency Overview	
<b>Appearance and Odour</b>	: Clear colourless. Liquid at room temperature. Slight hydrocarbon.
<b>Health Hazards</b>	: Not classified as dangerous for supply or conveyance.
<b>Safety Hazards</b>	: Not classified as flammable but will burn.
<b>Environmental Hazards</b>	: Not classified as dangerous for the environment.

**Health Hazards** : Not expected to be a health hazard when used under normal conditions.

**Health Hazards Inhalation** : Under normal conditions of use, this is not expected to be a primary route of exposure.

**Skin Contact** : Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

**Eye Contact** : May cause slight irritation to eyes.

**Ingestion** : Low toxicity if swallowed.

**Other Information** : Used oil may contain harmful impurities.

**Signs and Symptoms** : Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas.  
Ingestion may result in nausea, vomiting and/or diarrhoea.

**Aggravated Medical Conditions** : Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin.

**Material Safety Data Sheet**

**Environmental Hazards** : Not classified as dangerous for the environment.  
**Additional Information** : Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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**4. FIRST AID MEASURES**

**General Information** : Not expected to be a health hazard when used under normal conditions.  
**Inhalation** : No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.  
**Skin Contact** : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.  
**Eye Contact** : Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.  
**Ingestion** : In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.  
**Advice to Physician** : Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

Clear fire area of all non-emergency personnel.

**Flash point** : Typical 286 °C / 547 °F (COC)  
**Upper / lower** : Typical 1 - 10 %(V)  
**Flammability or**  
**Explosion limits**  
**Auto ignition temperature** : > 320 °C / 608 °F  
**Specific Hazards** : Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.  
**Suitable Extinguishing** : Foam, water spray or fog. Dry chemical powder, carbon  
**Media** dioxide, sand or earth may be used for small fires only.  
**Unsuitable Extinguishing** : Do not use water in a jet.  
**Media**  
**Protective Equipment for** : Proper protective equipment including breathing apparatus  
**Firefighters** must be worn when approaching a fire in a confined space.

---

**6. ACCIDENTAL RELEASE MEASURES**

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

**Protective measures** : Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.  
**Clean Up Methods** : Slippery when spilt. Avoid accidents, clean up immediately.

**Material Safety Data Sheet****Additional Advice**

Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

: Local authorities should be advised if significant spillages cannot be contained.

**7. HANDLING AND STORAGE****General Precautions**

: Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

**Handling**

: Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.

**Storage**

: Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 - 50 °C / 32 - 122 °F

**Recommended Materials**

: For containers or container linings, use mild steel or high density polyethylene.

**Unsuitable Materials**

: PVC.

**Additional Information**

: Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

Material	Source	Type	ppm	mg/m3	Notation
Oil mist, mineral	ACGIH	TWA(Inhalable fraction.)		5 mg/m3	
Oil mist, mineral	OSHA Z1	PEL(Mist.)		5 mg/m3	
Oil mist, mineral	OSHA Z1A	TWA(Mist.)		5 mg/m3	

**Additional Information**

: Shell has adopted as Interim Standards the OSHA Z1A values that were established in 1989 and later rescinded.

**Exposure Controls**

: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

**Material Safety Data Sheet**

- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65°C(149 °F)].
- Hand Protection** : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.
- Eye Protection** : Wear safety glasses or full face shield if splashes are likely to occur.
- Protective Clothing** : Skin protection not ordinarily required beyond standard issue work clothes.
- Monitoring Methods** : Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.
- Environmental Exposure Controls** : Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance** : Clear colourless. Liquid at room temperature.
- Odour** : Slight hydrocarbon.
- pH** : Not applicable.
- Initial Boiling Point and Boiling Range** : > 280 °C / 536 °F estimated value(s)
- Pour point** : Typical -39 °C / -38 °F
- Flash point** : Typical 286 °C / 547 °F (COC)
- Upper / lower Flammability or Explosion limits** : Typical 1 - 10 %(V)
- Auto-ignition temperature** : > 320 °C / 608 °F
- Vapour pressure** : < 0.5 Pa at 20 °C / 68 °F (estimated value(s))



## Material Safety Data Sheet

Specific gravity : Typical 1.069 at 15 °C / 59 °F  
Density : Typical 1,069 kg/m3 at 15 °C / 59 °F  
Water solubility : Negligible.  
n-octanol/water partition coefficient (log Pow) : > 6 (based on information on similar products)  
Kinematic viscosity : Typical 321 mm2/s at 40 °C / 104 °F  
Vapour density (air=1) : > 1 (estimated value(s))  
Evaporation rate (nBuAc=1) : Data not available

### 10. STABILITY AND REACTIVITY

Stability : Stable.  
Conditions to Avoid : Extremes of temperature and direct sunlight.  
Materials to Avoid : Strong oxidising agents.  
Hazardous Decomposition Products : Hazardous decomposition products are not expected to form during normal storage.

### 11. TOXICOLOGICAL INFORMATION

Basis for Assessment : Information given is based on data on the components and the toxicology of similar products.  
Acute Oral Toxicity : Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat  
Acute Dermal Toxicity : Expected to be of low toxicity: LD50 > 5000 mg/kg , Rabbit  
Acute Inhalation Toxicity : Not considered to be an inhalation hazard under normal conditions of use.  
Skin Irritation : Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.  
Eye Irritation : Expected to be slightly irritating.  
Respiratory Irritation : Inhalation of vapours or mists may cause irritation.  
Sensitisation : Not expected to be a skin sensitiser.  
Repeated Dose Toxicity : Not expected to be a hazard.  
Mutagenicity : Not considered a mutagenic hazard.  
Carcinogenicity : Components are not known to be associated with carcinogenic effects.  
Reproductive and Developmental Toxicity : Not expected to be a hazard.  
Additional Information : Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

### 12. UMWELTBEOGEBENE ANGABEN

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity : Poorly soluble mixture. May cause physical fouling of aquatic organisms. Expected to be practically non toxic: LL/EL/IL50 >

**Material Safety Data Sheet**

100 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract).

- Mobility** : Liquid under most environmental conditions. Sinks in water. If it enters soil, it will adsorb to soil particles and will not be mobile.
- Persistence/degradability** : Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
- Bioaccumulation** : Contains components with the potential to bioaccumulate.
- Other Adverse Effects** : Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

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**13. DISPOSAL CONSIDERATIONS**

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.
- Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

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**14. TRANSPORT INFORMATION****US Department of Transportation Classification (49CFR)**

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

**IMDG**

This material is not classified as dangerous under IMDG regulations.

**IATA (Country variations may apply)**

This material is not classified as dangerous under IATA regulations.

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**15. REGULATORY INFORMATION**

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**Federal Regulatory Status****Notification Status**

EINECS

All components listed or

## Material Safety Data Sheet

TSCA	polymer exempt.
DSL	All components listed.
	All components listed.

Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore releases to the environment are not reportable under CERCLA.

**SARA Hazard Categories (311/312)**  
No SARA 311/312 Hazards.

### State Regulatory Status

#### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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### 16. OTHER INFORMATION

<b>NFPA Rating (Health, Fire, Reactivity)</b>	: 0, 1, 0
<b>MSDS Version Number</b>	: 1.0
<b>MSDS Effective Date</b>	: 03/02/2011
<b>MSDS Revisions</b>	: A vertical bar ( ) in the left margin indicates an amendment from the previous version.
<b>MSDS Regulation</b>	: The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>MSDS Distribution</b>	: The information in this document should be made available to all who may handle the product.
<b>Disclaimer</b>	: The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

**Material Safety Data Sheet**

Shell Omala S4 WE 320

MSDS# DEU003572

Version 1.0

Effective Date 03/02/2011

According to OSHA Hazard Communication Standard, 29 CFR  
1910.1200

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/22/2013

FPO#: AP96601 - 0102

UIC#: 20126

TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4739  ATTACHED FROM (SHIP): USS FREEDOM (LCS-1)  PRODUCT NAME: GREASE, GEN PURPOSE  DATE ON SFR: 1/10/2013
NAVICP-M	1/23/2013	MC	NSN/NIIN: --- CAGE: 54527
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: SHELL GADUS S2 V220 2
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 5892  MRC: 11 1PB2 N
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 5 GALLON DRUM. PRODUCT NOT IN NAVY SUPPLY SYSTEM. NSN ASSIGNMENTS NO LONGER AUTHORIZED. SFR REQUESTER WILL ACCEPT SUITABLE SUBSTITUTE.

RECEIVED  
JAN 22 2013  
BY: SFR 4739

Current Date: 1/10/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT  
NIH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS FREEDOM

HULL NUMBER: LCS-1

TYCOM: CHOOSE ONE

UIC: R20126

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

Clean, Inspect and Lubricate Chain Drive on each drive unit. Lubricate, various container mobilization equipment components, Inspect slide bearings for Zero Telescopic Movement play on each drive unit on each tracking unit.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

NOT IN NAVY SUPPLY  
SYSTEM.

MAINTENANCE INDEX PAGE (MIP) #: 5892

MAINTENANCE REQUIREMENT CARD (MRC #: 11 1PB2 N

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

WILL ACCEPT  
SUITABLE SUBSTITUTE

Cage 54527

MANUFACTURER: SHELL OIL CO,

PHONE: 877 - 276 - 7285

ITEM OR TRADE NAME: GREASE, GEN PURPOSE

PART NUMBER OR SPECIFICATION: 99120400 SHELL GADUS S2 V220 2 \$25.00 PER CA.

UNIT OF ISSUE: CA

UNIT OF MEASURE: 14 OZ

10-14 OZ CARTRIDGES PER CASE

**IV. ENDORSEMENTS**

S/V6/B

REQUESTORS NAME: LSC Miguel Moranparra

RANK: E-7

MSDS ATTACHED

EMAIL: Miguel.moranparra@lcs-1.navy.mil

DATE PREPARED: January 10, 2013

COMMANDER OR DESIGNEE NAME: CDR WILKE

RANK: O5

EMAIL:

DATE: 17 JAN 13

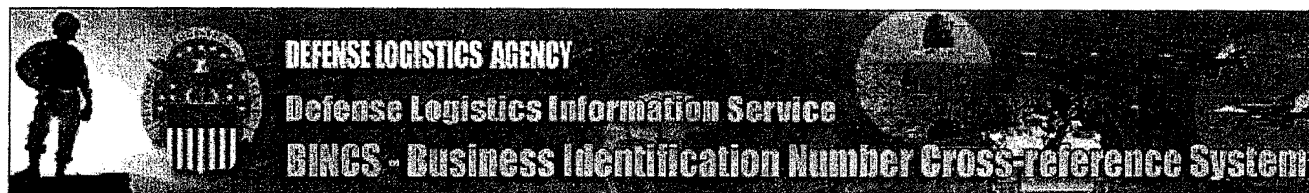
SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

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## Company Details

[Print View](#)

### BINCS Information

**DUNS Number:****JCP Cert. Number:****CAGE Code: 54527**

### CAGE Information

**Company Name: SHELL OIL CO****Status: Active Record****Parent CAGE: 54527****Address: 1 SHELL PLZ****P.O. Box: 2463****City: HOUSTON****Zip: 77001****CAO-ADP: S4402A-HQ0339****State: TX****County: HARRIS****Voice Phone Number: 281-544-7140****Fax Phone Number:****Date CAGE Code Established: 11/4/1974****Last Updated: 1/11/2005****Point of Contact:****Company Web Site:**

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Date: January 2011

MIP 5892

MRC: 11 1PB2 N

Periodicity: A-2+

Series:

### Location:

**Ship System:** MECHANICAL HANDLING SYSTEMS 580  
**System:** MISCELLANEOUS MECHANICAL HANDLING SYSTEMS 589  
**SubSystem:** HANDLING EQUIPMENT, SPECIAL WEAPONS (LCS-1 Class) 5892  
**Equipment:** LCS-1 Lidan Container Mobilization Equipment

Rates	Man-Hours	Rates	Man-Hours	Rates	Man-Hours
EN3	0.8				
<b>Total Man-Hours:</b>	0.8	<b>Elapsed Time:</b>	0.8		

### MAINTENANCE REQUIREMENT DESCRIPTION

1. Clean, Inspect, and Lubricate Chain Drive on Each Drive Unit.
2. Lubricate Various Container Mobilization Equipment Components.
3. Inspect Slide Bearings for Zero Telescopic Movement Play on Each Drive Unit and on Each Tracking Unit.

### SAFETY PRECAUTIONS

1. Forces afloat comply with Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat, OPNAVINST 5100.19 series.
2. Do not perform any maintenance when a container is connected to the Container Mobilization Equipment.
3. All telescopic struts must be secured at their third (lowest) height during preventive maintenance.
4. Ensure all drive and tracking units are positioned at their lowest lifting height (fully down) during preventive maintenance.
5. All drive unit and tracking unit bogies must be locked during preventive maintenance.
6. Ensure all drive unit and tracking unit support wheels are properly connected and secured in the lowered position during preventive maintenance. Drive units and tracking units will fall over without support wheels correctly connected, secured, and positioned.
7. Ensure each drive unit's swiveling wheel No. 1 and each tracking unit's swiveling wheel No. 2 are locked and secured in a position longitudinal with unit during preventive maintenance.
8. All drive unit and tracking unit handle bars must be in the outer position and secured during preventive maintenance.
9. Always have positive control of the Container Mobilization Equipment.
10. Maintenance must be performed on a level, clean, and dry surface in an interior location not exposed to weather.
11. Avoid inhalation of, ingestion of, skin contact with, and eye contact with hazardous materials. Avoid use near heat or open flame and provide adequate ventilation. Consult work center supervisor if unsure whether ventilation is adequate and if respiratory protection is necessary. Use of safety goggles and gloves is required when performing this maintenance.
12. Do not excessively or forcefully shake the telescopic movement. Excessive or forceful shaking may destabilize the drive or tracking unit.

### TOOLS, PARTS, MATERIALS, TEST EQUIPMENT

#### MATERIALS

1. [00294] Cloth, cleaning, lint free
2. [15758] Lubricant, molykote spray Lubricant, Molykote D-321R, No NSN -- W/C provide, Part No. 01659766  
Hazardous Material User's Guide (HMUG) Group 11, Disposal Method 1
3. [15760] Grease, Shell Retinax EP 2, No NSN -- W/C provide, Part [ ] No. 001A0400  
Hazardous Material User's Guide (HMUG) Group 8, Disposal Method 1

#### TOOLS

1. [00771] Lubricating gun, hand, Lever-operated, 16 OZ 12" rub hose ext & adpt kit incl
2. [01009] Pliers, 6", long nose, side cutter
3. [01174] Screwdriver, cross tip, 6", P3
4. [01198] Screwdriver, flat tip, 6"
5. [01202] Screwdriver, flat tip, 8", insulated, 3/8" tip
6. [01462] Wrench, adjustable, 6" heavy duty, 0.760" jaw open
7. [01466] Wrench, adjustable, 8" nonspark/nonmag, 0.970" jaw open
8. [02271] Flashlight, Type 3, style 1, explosive proof
9. [03672] Screwdriver, cross tip, 8", P4
10. [10786] Wrench set, combination box and open end, 8mm to 24mm
11. [11178] Wrench set, socket, 3/8" SQ. Drive, Metric, 6PT, 10mm-19mm
12. [11179] Wrench set, socket, 1/4" SQ. Drive Metric, 6PT, 4mm-15mm



13. [12618] Key set, socket head screw, 2mm-17mm

#### MISCELLANEOUS

1. [02086] Gloves, chemical and oil protective, disposable
2. [03707] Goggles, industrial, non-vented
3. [11922] Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28

**NOTE:** Numbers in brackets can be referenced to Standard PMS Materials Identification Guide (SPMIG) for identification.

#### HAZARDOUS MATERIALS CONTROL STATEMENT(U)

The Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28, provides additional control measures, precautions, personal protective equipment (PPE), and spill controls for the hazardous material(s) identified in the Tools, Parts, Materials, Test Equipment block. Maintenance personnel shall determine if additional PPE is necessary to accomplish the MRC and take appropriate action to obtain and wear such PPE to ensure the safety of maintenance personnel. Report any deficiencies via PMS feedback report.

#### PROCEDURE

**NOTE 1 :** This procedure is intended to be scheduled and performed by Off-Ship Maintenance Personnel.

**WARNING:** Do not perform any maintenance when a container is connected to the Container Mobilization Equipment.

**WARNING:** All telescopic struts must be secured at their third (lowest) height during preventive maintenance.

**WARNING:** Ensure all drive and tracking units are positioned at their lowest lifting height (fully down) during preventive maintenance.

**WARNING:** All drive unit and tracking unit bogies must be locked during preventive maintenance.

**WARNING:** Ensure all drive unit and tracking unit support wheels are properly connected and secured in the lowered position during preventive maintenance. Drive units and tracking units will fall over without support wheels correctly connected, secured, and positioned.

**WARNING:** Ensure each drive unit's swiveling wheel No. 1 and each tracking unit's swiveling wheel No. 2 are locked and secured in a position longitudinal with unit during preventive maintenance.

**WARNING:** All drive unit and tracking unit handle bars must be in the outer position and secured during preventive maintenance.

**WARNING:** Always have positive control of the Container Mobilization Equipment.

**WARNING:** Maintenance must be performed on a level, clean, and dry surface in an interior location not exposed to weather.

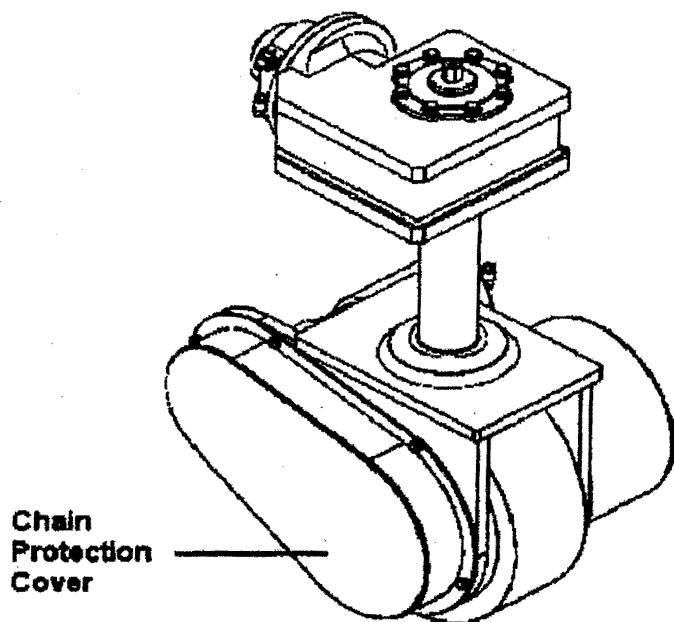
#### Preliminary

- a. Place the control cabinet's main system on/off switch in the "OFF" position.
- b. Disconnect control trolley from ship 115 VAC 1 PH 60 HZ power.
- c. Disconnect air hose on control trolley from ship air supply.
- d. Disconnect control trolley's air hoses and electrical control cables from each drive unit.
- e. Engage all control trolley wheel brakes, and then disconnect control trolley pushrod from drive unit.

#### 1. Clean, Inspect, and Lubricate Chain Drive on Each Drive Unit.

**WARNING:** Avoid inhalation of, ingestion of, skin contact with, and eye contact with hazardous materials. Avoid use near heat or open flame and provide adequate ventilation. Consult work center supervisor if unsure whether ventilation is adequate and if respiratory protection is necessary. Use of safety goggles and gloves is required when performing this maintenance.

- a. Put on goggles and gloves.
- b. Remove chain protection cover from a drive unit. See figure 1.



**Figure 1**

- c. Wipe chain and both chain sprockets clean with clean dry cloths.
- d. Spray chain and teeth on both chain sprockets with Molykote D-321R lubricant; ensure lubricant is evenly applied.
- e. Wipe off any excess lubricant with a clean dry cloth.
- f. Clean inside the chain protection cover with a clean dry cloth.
- g. Properly re-install chain protection cover.
- h. Repeat steps 1.b. through 1.g. for remaining drive unit.

**2. Lubricate Various Container Mobilization Equipment Components.**

- a. Using a clean dry cloth, wipe off any accumulated dirt or moisture from all grease fittings associated with the bearings, wheel turnings, and pushrod shaft shown in figures 2, 3, 4, 5, & 6.
- b. Inject one to two pumps of Shell Retinax EP 2 grease into the grease fittings for each bearing, wheel turning, and pushrod shaft identified in figures 2, 3, 4, 5, & 6.
- c. Wipe off any visible excess grease with a clean dry cloth.
- d. Remove gloves and goggles.

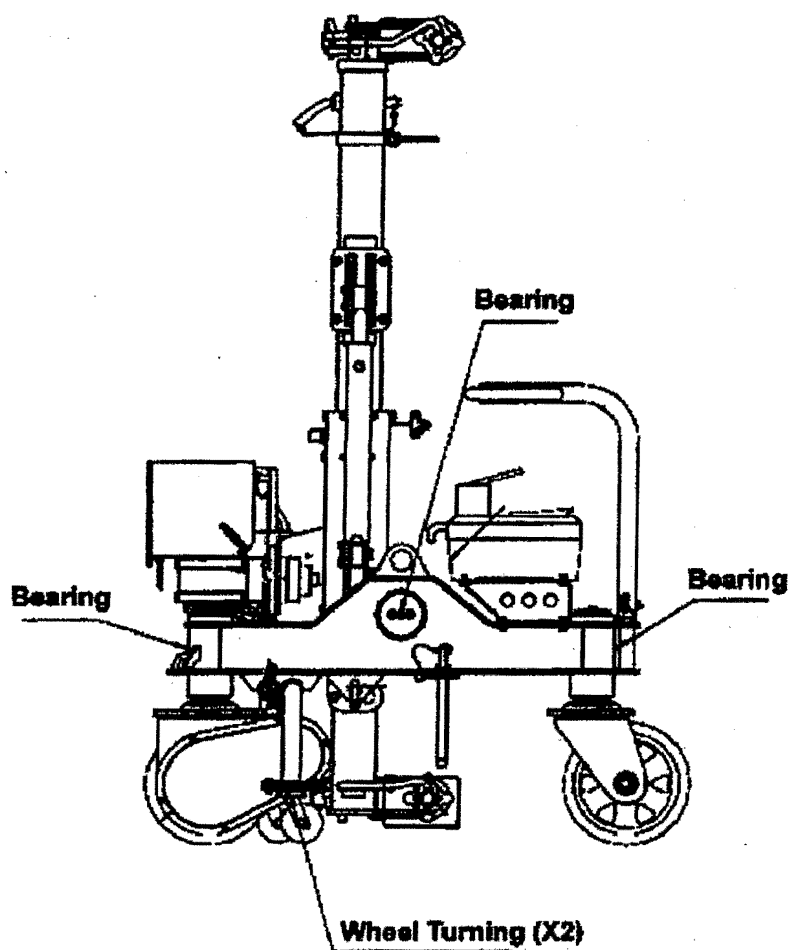


Figure 2 Drive Unit #1

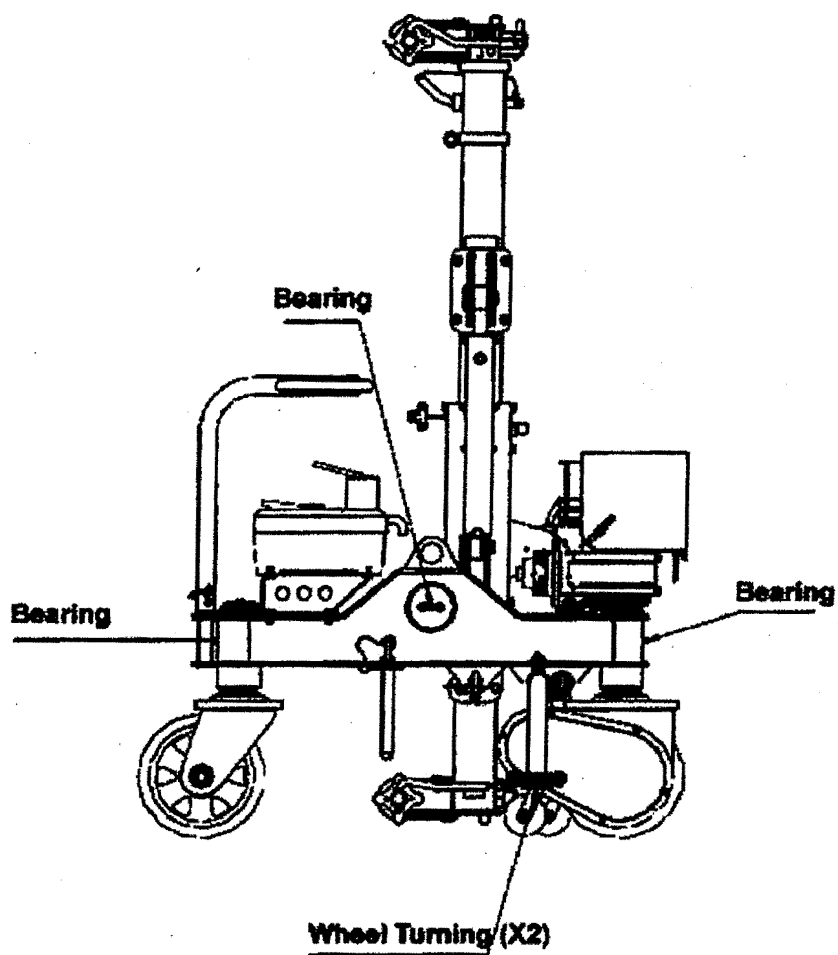


Figure 3 Drive Unit #2

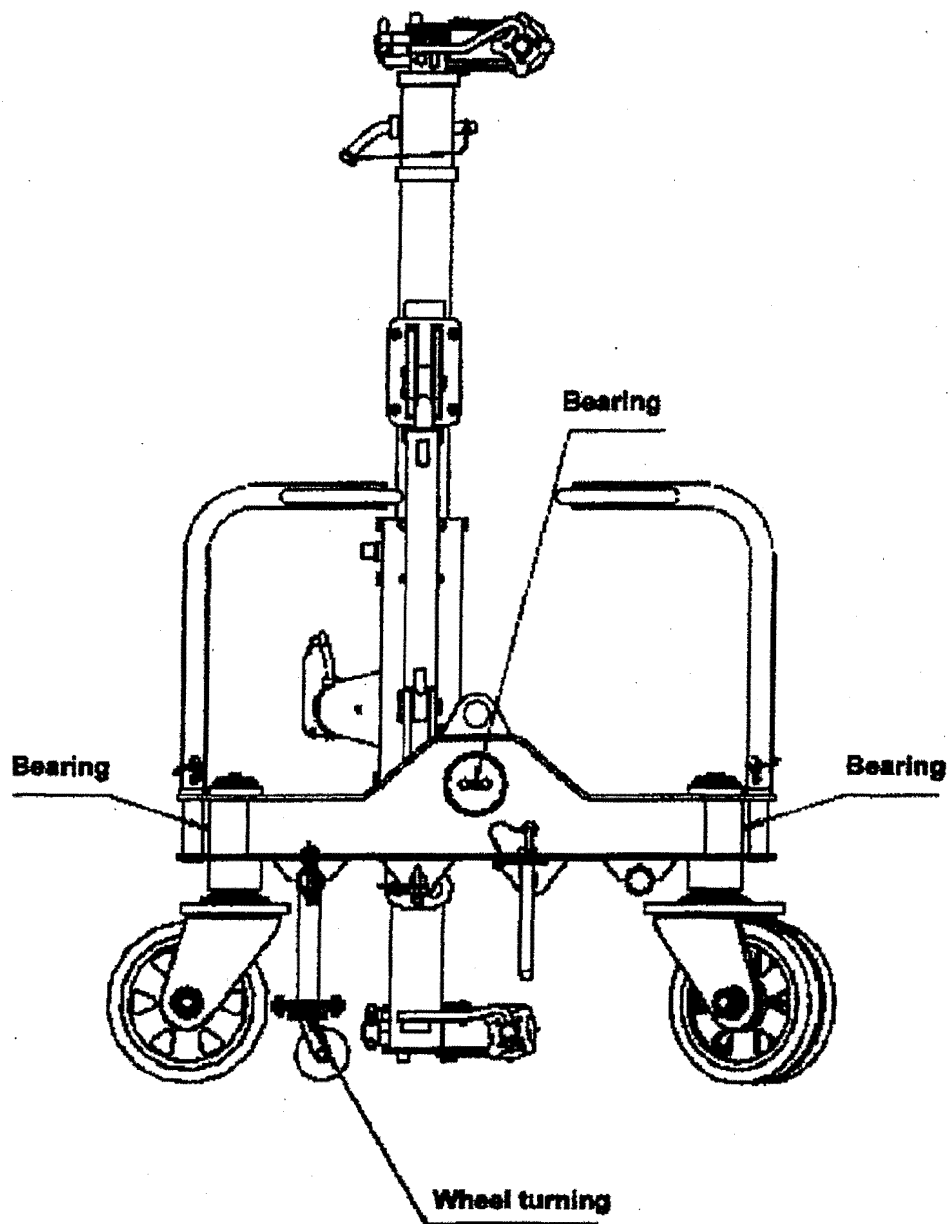


Figure 4 Tracking Unit #3

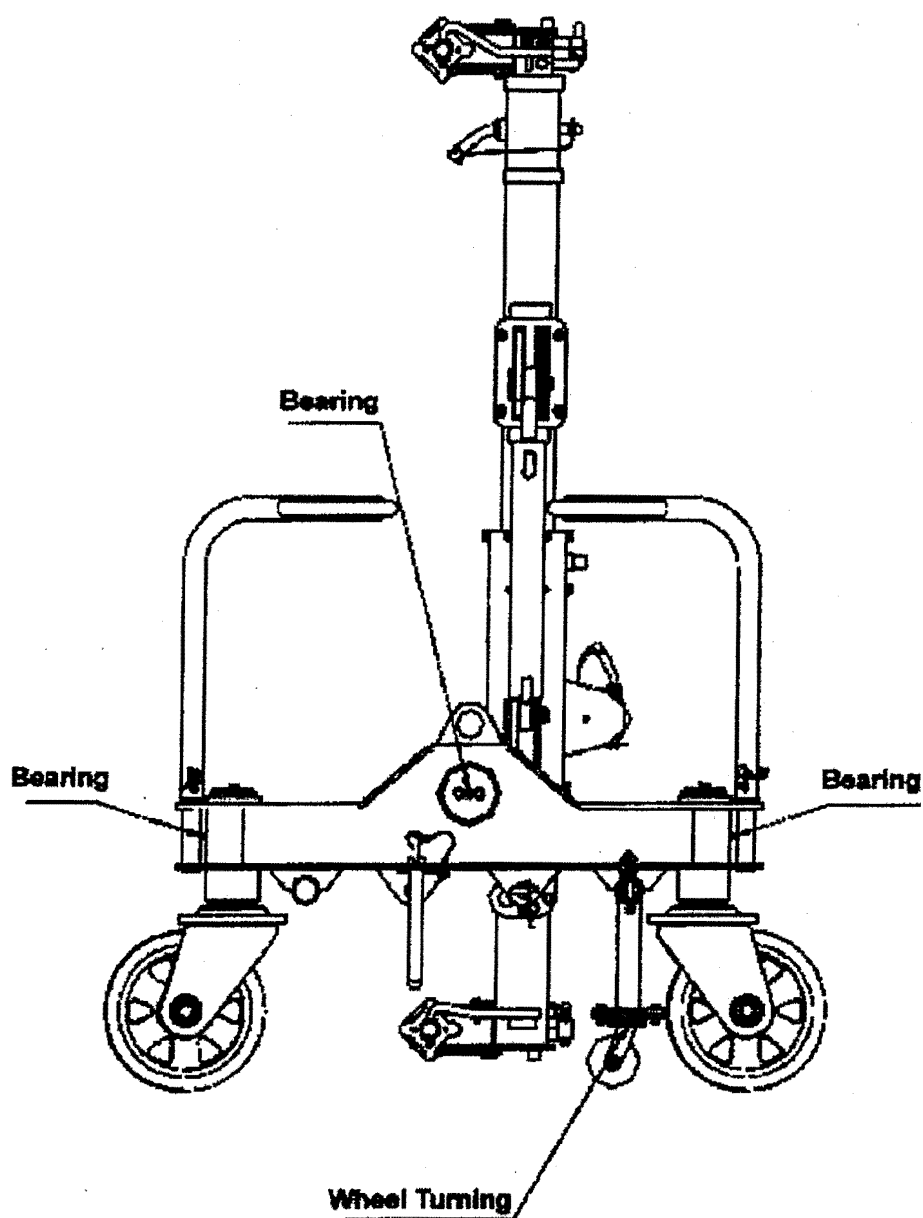


Figure 5 Tracking Unit #4

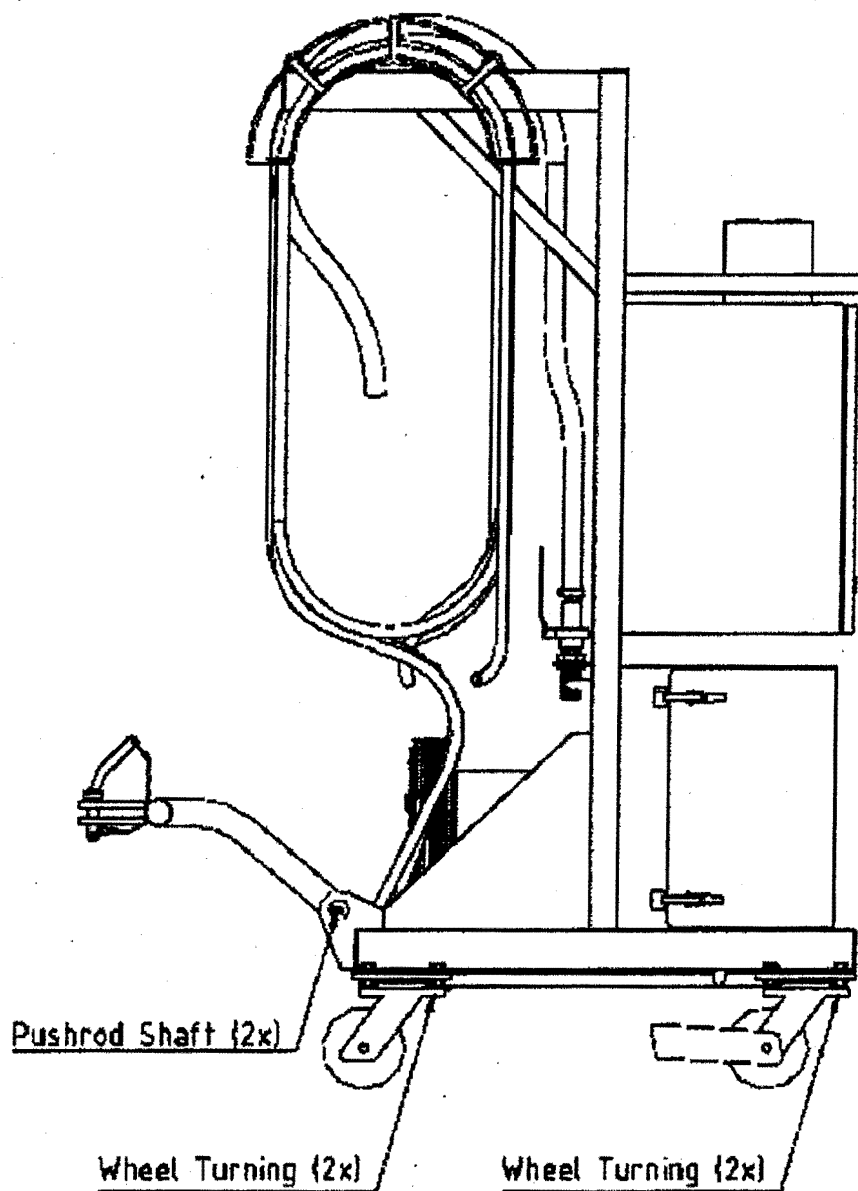


Figure 6 Control Trolley Unit #5

**3. Inspect Slide Bearings for Zero Telescopic Movement Play on Each Drive Unit and on Each Tracking Unit.**

**WARNING:** Do not excessively or forcefully shake the telescopic movement. Excessive or forceful shaking may destabilize the drive or tracking unit.

- a. Gently wiggle one telescopic movement back & forth by hand, and then similarly wiggle it side to side, while visually observing if there is any play with the associated slide bearing. If any visible play is observed, take note of whether the play is in the back & forth, or side to side direction.
- b. If there is any visible play with the slide bearing, proceed to step 3.c. If there is no visible play with the slide bearing, proceed to step 3.i.

**CAUTION:** The slide bearing has eight adjustment bolts. Four of the adjustment bolts are used to eliminate back & forth play. All four of these adjustment bolts must be equally tightened when used to eliminate play in the back & forth direction. The other four adjustment bolts are used to eliminate side to side play. All of the other four adjustment bolts must be equally tightened when used to eliminate play in the side to side direction. Failure to equally tighten applicable adjustment bolts may result in damage to the slide bearing and can bind or lock the telescopic movement.

**CAUTION:** Only tighten the specific adjustment bolts used to eliminate play in the direction that play is observed. Tightening the wrong adjustment bolts will bind or lock the telescopic movement.

- c. Perform steps 3.d through 3.f using only the specific adjustment bolts which eliminate play in the direction that play is observed.
- d. Ensure that protective caps are removed from the slide bearing's adjustment bolts that will be tightened to eliminate play. Then loosen the applicable adjustment locknuts; ensure that adjustment bolts do not turn while loosening the locknuts.

**CAUTION:** Slide bearing adjustment bolts must not be overtightened. Overtightening will bind or lock the telescopic movement.

- e. Tighten the applicable adjustment bolts by 1/4 turn in the clockwise direction.
- f. Properly tighten applicable adjustment locknuts; ensure that adjustment bolts do not turn while tightening the locknuts.
- g. Again, gently wiggle the telescopic movement back & forth by hand, and then similarly wiggle it side to side, while visually observing if there is any play with the slide bearing. If any visible play is observed, take note of whether the play is in the back & forth, or side to side direction.
- h. Repeat step 3.b.
- i. Repeat steps 3.a. through 3.b. until all slide bearings on both drive units and both tracking units have been inspected.
- j. Ensure that protective caps are properly installed over all slide bearing adjustment bolts on both drive units and both tracking units. Inspect all slide bearing adjustment bolt protective caps for deterioration and damage; replace any deteriorated or damaged protective caps with new ones.

**NOTE 2 :** Report discrepancies to work center supervisor.

**NOTE 3 :** Items contaminated with Hazardous material should be disposed of using the disposal method listed for the hazardous material.

- k. Comply with own ship/station procedures for handling the disposal of contaminated towels, absorbents, containers, and clothing.
- l. Return the Container Mobilization Equipment to readiness condition.

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#### **DISPOSAL METHODS FOR HAZARDOUS MATERIAL/WASTE IDENTIFIED IN THE TOOLS, PARTS, MATERIAL, AND TEST EQUIPMENT BLOCK**

**Method 1:** If shipboard HAZMNCEN exists, turn in all spent HM and items contaminated with HM to the shipboard HAZMNCEN for collection, processing, and disposal. Containerize waste in original container or use standard container as listed in Appendix C23-A of OPNAVINST 5100.19 Series Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat and the Naval Ships' Technical Manual (NSTM), S9086-T8-STM-010/CH-593, Pollution Control. Store in accordance with OPNAVINST 5100.19 Series, Appendix C23-A and D15-A-1. Mark, label, or tag the container with the specific contents and any information on the contaminants. This information must also be provided on the DD Form 1348-1A at the time of off-loading. Empty container guidance is available in the CNO Policy Guide for Shipboard Hazardous Material Container Disposal, OPNAV P-45-114-95. Contact the receiving shore activity (e.g., Fleet and Industrial Supply Center and Public Works Center) to determine the appropriate local off-loading requirements.





Technical Data Sheet

Previous Names: Shell Alvania Grease EP(LF) 2, Shell Retinax EP 2

## Shell Gadus S2 V220 2

- *Reliable Protection*
- *Multi-purpose Applications*
- *Lithium*

### *High Performance Multipurpose Extreme Pressure Grease*

Shell Gadus S2 V220 greases are high quality multipurpose, extreme-pressure greases based on a blend of high viscosity index mineral oils and a lithium hydroxystearate soap thickener and contain extreme-pressure and other proven additives to enhance their performance in a wide range of applications.

Shell Gadus S2 V220 greases are designed for multipurpose grease lubrication of rolling element and plain bearings as well as hinges and sliding surfaces such as those found in throughout most industrial and transport sectors.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- **Outstanding load carrying capacity**

Shell Gadus S2 V220 greases contain special extreme-pressure additives which enable them to withstand heavy and shock loads without failure of the lubricant film.

- **Improved mechanical stability**

This is particularly important in vibrating environments where poor mechanical stability can lead to grease softening with subsequent loss of lubrication performance and leakage.

- **Good resistance to water wash-out**

Shell Gadus S2 V220 greases have been formulated to offer resistance to water wash-out.

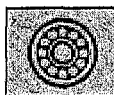
- **Oxidation stability**

Specially selected base oil components have excellent oxidation resistance. Their consistency will not alter in storage and they withstand high operating temperatures without hardening or forming bearing deposits.

- **Anti-corrosion protection**

Shell Gadus S2 V220 greases have an affinity with metal and have the ability to protect bearing surfaces against corrosion, even when the grease is contaminated with water.

#### Main Applications



Shell Gadus S2 V220 2 greases are designed for:

- Heavy duty bearings and general industrial lubrication.
- Heavy duty plain and rolling element bearings operating under harsh conditions including shock loading in wet environments.
- Operation over the temperature range -20°C to 100°C for bearings operating at 75% of the maximum rated speed (Can withstand up to 120°C intermittently).

#### Specifications, Approvals & Recommendations

For additional questions regarding equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

## Typical Physical Characteristics

Property	Method	Shell Gadus S2 V220 2
Flash Point		240°C
Fire Point		260°C
Auto-ignition Temperature		300°C
Cloud Point		-10°C
Pour Point		-15°C
Viscosity @ 40°C		220 cSt
Viscosity @ 100°C		70 cSt
Viscosity Index		100
Weight Loss @ 100°C		0.1%
Weight Loss @ 200°C		0.1%
Weight Loss @ 300°C		0.1%
Weight Loss @ 400°C		0.1%
Weight Loss @ 500°C		0.1%
Weight Loss @ 600°C		0.1%
Weight Loss @ 700°C		0.1%
Weight Loss @ 800°C		0.1%
Weight Loss @ 900°C		0.1%
Weight Loss @ 1000°C		0.1%
Weight Loss @ 1100°C		0.1%
Weight Loss @ 1200°C		0.1%
Weight Loss @ 1300°C		0.1%
Weight Loss @ 1400°C		0.1%
Weight Loss @ 1500°C		0.1%
Weight Loss @ 1600°C		0.1%
Weight Loss @ 1700°C		0.1%
Weight Loss @ 1800°C		0.1%
Weight Loss @ 1900°C		0.1%
Weight Loss @ 2000°C		0.1%
Weight Loss @ 2100°C		0.1%
Weight Loss @ 2200°C		0.1%
Weight Loss @ 2300°C		0.1%
Weight Loss @ 2400°C		0.1%
Weight Loss @ 2500°C		0.1%
Weight Loss @ 2600°C		0.1%
Weight Loss @ 2700°C		0.1%
Weight Loss @ 2800°C		0.1%
Weight Loss @ 2900°C		0.1%
Weight Loss @ 3000°C		0.1%
Weight Loss @ 3100°C		0.1%
Weight Loss @ 3200°C		0.1%
Weight Loss @ 3300°C		0.1%
Weight Loss @ 3400°C		0.1%
Weight Loss @ 3500°C		0.1%
Weight Loss @ 3600°C		0.1%
Weight Loss @ 3700°C		0.1%
Weight Loss @ 3800°C		0.1%
Weight Loss @ 3900°C		0.1%
Weight Loss @ 4000°C		0.1%
Weight Loss @ 4100°C		0.1%
Weight Loss @ 4200°C		0.1%
Weight Loss @ 4300°C		0.1%
Weight Loss @ 4400°C		0.1%
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Weight Loss @ 4600°C		0.1%
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Weight Loss @ 4900°C		0.1%
Weight Loss @ 5000°C		0.1%
Weight Loss @ 5100°C		0.1%
Weight Loss @ 5200°C		0.1%
Weight Loss @ 5300°C		0.1%
Weight Loss @ 5400°C		0.1%
Weight Loss @ 5500°C		0.1%
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Weight Loss @ 6000°C		0.1%
Weight Loss @ 6100°C		0.1%
Weight Loss @ 6200°C		0.1%
Weight Loss @ 6300°C		0.1%
Weight Loss @ 6400°C		0.1%
Weight Loss @ 6500°C		0.1%
Weight Loss @ 6600°C		0.1%
Weight Loss @ 6700°C		0.1%
Weight Loss @ 6800°C		0.1%
Weight Loss @ 6900°C		0.1%
Weight Loss @ 7000°C		0.1%
Weight Loss @ 7100°C		0.1%
Weight Loss @ 7200°C		0.1%
Weight Loss @ 7300°C		0.1%
Weight Loss @ 7400°C		0.1%
Weight Loss @ 7500°C		0.1%
Weight Loss @ 7600°C		0.1%
Weight Loss @ 7700°C		0.1%
Weight Loss @ 7800°C		0.1%
Weight Loss @ 7900°C		0.1%
Weight Loss @ 8000°C		0.1%
Weight Loss @ 8100°C		0.1%
Weight Loss @ 8200°C		0.1%
Weight Loss @ 8300°C		0.1%
Weight Loss @ 8400°C		0.1%
Weight Loss @ 8500°C		0.1%
Weight Loss @ 8600°C		0.1%
Weight Loss @ 8700°C		0.1%
Weight Loss @ 8800°C		0.1%
Weight Loss @ 8900°C		0.1%
Weight Loss @ 9000°C		0.1%
Weight Loss @ 9100°C		0.1%
Weight Loss @ 9200°C		0.1%
Weight Loss @ 9300°C		0.1%
Weight Loss @ 9400°C		0.1%
Weight Loss @ 9500°C		0.1%
Weight Loss @ 9600°C		0.1%
Weight Loss @ 9700°C		0.1%
Weight Loss @ 9800°C		0.1%
Weight Loss @ 9900°C		0.1%
Weight Loss @ 10000°C		0.1%

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.

## Health, Safety & Environment

### Health and Safety

Shell Gadus S2 V220 Grease is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.Shell.com/>

### Hydraulic Brake Rubber Components

Care should be taken to ensure that the grease does NOT come into contact with hydraulic brake rubber components.

### Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Additional Information

### Re-greasing Intervals

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

### Advice

Product recommendations for applications and specifications not covered here may be obtained from your Shell representative.

## Material Safety Data Sheet

### 1. MATERIAL AND COMPANY IDENTIFICATION

Material Name : Shell Gadus S2 V220 2  
Uses : Automotive and industrial grease.

Manufacturer/Supplier : SOPUS Products  
PO BOX 4427  
Houston, TX 77210-4427  
USA

MSDS Request : 877-276-7285

Emergency Telephone Number  
Spill Information : 877-242-7400  
Health Information : 877-504-9351

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

A lubricating grease consisting of highly-refined mineral oil and additives.  
The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

### 3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: Brown. Semi-solid at ambient temperature. Slight hydrocarbon.
Health Hazards	: High-pressure injection under the skin may cause serious damage including local necrosis.
Safety Hazards	: Not classified as flammable but will burn.
Environmental Hazards	: Not classified as dangerous for the environment.

Health Hazards : Not expected to be a health hazard when used under normal conditions.

Health Hazards  
Inhalation : Under normal conditions of use, this is not expected to be a primary route of exposure.

Skin Contact : Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Eye Contact : May cause slight irritation to eyes.

Ingestion : Low toxicity if swallowed.

Other Information : High-pressure injection under the skin may cause serious damage including local necrosis. Used grease may contain harmful impurities.

Signs and Symptoms : Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection. Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.

**Material Safety Data Sheet**

<b>Aggravated Medical Condition</b>	: Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin.
<b>Environmental Hazards</b>	: Not classified as dangerous for the environment.
<b>Additional Information</b>	: Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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**4. FIRST AID MEASURES**

<b>General Information</b>	: Not expected to be a health hazard when used under normal conditions.
<b>Inhalation</b>	: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.
<b>Skin Contact</b>	: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.
<b>Eye Contact</b>	: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
<b>Ingestion</b>	: In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
<b>Advice to Physician</b>	: Treat symptomatically. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function. Because entry wounds are small and do not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm and ischaemia. Prompt surgical decompression, debridement and evacuation of foreign material should be performed under general anaesthetics, and wide exploration is essential.

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**5. FIRE FIGHTING MEASURES**

Clear fire area of all non-emergency personnel.

<b>Flash point</b>	: > 180 °C / 356 °F (COC)
<b>Upper / lower Flammability or Explosion limits</b>	: Typical 1 - 10 %(V)(based on mineral oil)
<b>Auto ignition temperature</b>	: > 320 °C / 608 °F
<b>Specific Hazards</b>	: Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

**Material Safety Data Sheet**

- Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
- Unsuitable Extinguishing Media** : Do not use water in a jet.
- Protective Equipment for Firefighters** : Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

**6. ACCIDENTAL RELEASE MEASURES**

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

- Protective measures** : Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Shovel into a suitable clearly marked container for disposal or reclamation in accordance with local regulations.

**7. HANDLING AND STORAGE**

- General Precautions** : Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
- Handling** : Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.
- Storage** : Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 - 50 °C / 32 - 122 °F
- Recommended Materials** : For containers or container linings, use mild steel or high density polyethylene.
- Unsuitable Materials** : PVC.
- Additional Information** : Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

Material	Source	Type	ppm	mg/m3	Notation
Oil mist, mineral	ACGIH	TWA(Inhalable fraction.)		5 mg/m3	
Oil mist, mineral	OSHA Z1	PEL(Mist.)		5 mg/m3	

**Material Safety Data Sheet**

Oil mist, mineral	OSHA Z1A	TWA(Mist.)		5 mg/m3	
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- Additional Information** : Due to the product's semi-solid consistency, generation of mists and dusts is unlikely to occur.  
Shell has adopted as Interim Standards the OSHA Z1A values that were established in 1989 and later rescinded.
- Exposure Controls** : The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.  
Appropriate measures include: Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65°C(149 °F)].
- Hand Protection** : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.
- Eye Protection** : Wear safety glasses or full face shield if splashes are likely to occur.
- Protective Clothing** : Skin protection not ordinarily required beyond standard issue work clothes.
- Monitoring Methods** : Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.
- Environmental Exposure Controls** : Minimise release to the environment. An environmental assessment must be made to ensure compliance with local

**Material Safety Data Sheet**

environmental legislation.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Brown. Semi-solid at ambient temperature.
Odour	: Slight hydrocarbon.
pH	: Not applicable.
Initial Boiling Point and Boiling Range	: Data not available
Dropping point	: > 180 °C / 356 °F
Flash point	: > 180 °C / 356 °F (COC)
Upper / lower Flammability or Explosion limits	: Typical 1 - 10 %(V) (based on mineral oil)
Auto-ignition temperature	: > 320 °C / 608 °F
Vapour pressure	: < 0.5 Pa at 20 °C / 68 °F (estimated value(s))
Specific gravity	: Typical 0.9 at 15 °C / 59 °F
Density	: Typical 900 kg/m3 at 15 °C / 59 °F
Water solubility	: Negligible.
n-octanol/water partition coefficient (log Pow)	: > 6 (based on information on similar products)
Kinematic viscosity	: Not applicable.
Vapour density (air=1)	: > 1 (estimated value(s))
Evaporation rate (nBuAc=1)	: Data not available

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**10. STABILITY AND REACTIVITY**

Stability	: Stable.
Conditions to Avoid	: Extremes of temperature and direct sunlight.
Materials to Avoid	: Strong oxidising agents.
Hazardous Decomposition Products	: Hazardous decomposition products are not expected to form during normal storage.

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**11. TOXICOLOGICAL INFORMATION**

Basis for Assessment	: Information given is based on data on the components and the toxicology of similar products.
Acute Oral Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat
Acute Dermal Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg , Rabbit
Acute Inhalation Toxicity	: Not considered to be an inhalation hazard under normal conditions of use.
Skin Irritation	: Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.
Eye Irritation	: Expected to be slightly irritating.
Respiratory Irritation	: Inhalation of vapours or mists may cause irritation.
Sensitisation	: Not expected to be a skin sensitizer.
Repeated Dose Toxicity	: Not expected to be a hazard.
Mutagenicity	: Not considered a mutagenic hazard.
Carcinogenicity	: Product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the

**Material Safety Data Sheet**

International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.

- Reproductive and Developmental Toxicity** : Not expected to be a hazard.
- Additional Information** : Used grease may contain harmful impurities that have accumulated during use. The concentration of such harmful impurities will depend on use and they may present risks to health and the environment on disposal. ALL used grease should be handled with caution and skin contact avoided as far as possible. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed.

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**12. ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

- Acute Toxicity** : Poorly soluble mixture. May cause physical fouling of aquatic organisms. Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract). Mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1 mg/l.
- Mobility** : Semi-solid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.
- Persistence/degradability** : Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
- Bioaccumulation** : Contains components with the potential to bioaccumulate.
- Other Adverse Effects** : Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

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**13. DISPOSAL CONSIDERATIONS**

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.
- Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.



## Material Safety Data Sheet

Shell Gadus S2 V220 2  
MSDS# DEU003514  
Version 1.0  
Effective Date 02/28/2011  
According to OSHA Hazard Communication Standard, 29 CFR  
1910.1200

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### 14. TRANSPORT INFORMATION

#### US Department of Transportation Classification (49CFR)

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

#### IMDG

This material is not classified as dangerous under IMDG regulations.

#### IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations.

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### 15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

#### Federal Regulatory Status

##### Notification Status

EINECS	All components listed or polymer exempt.
TSCA	All components listed.
DSL	All components listed.

Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore releases to the environment are not reportable under CERCLA.

#### SARA Hazard Categories (311/312)

No SARA 311/312 Hazards.

#### State Regulatory Status

##### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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### 16. OTHER INFORMATION

NFPA Rating (Health, : 0, 1, 0

## Material Safety Data Sheet

**Fire, Reactivity)**

**MSDS Version Number** : 1.0

**MSDS Effective Date** : 02/28/2011

**MSDS Revisions** : A vertical bar (|) in the left margin indicates an amendment from the previous version.

**MSDS Regulation** : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**MSDS Distribution** : The information in this document should be made available to all who may handle the product.

**Disclaimer** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 26, 2013 9:37 AM  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; McHugh, John CIV MSC N46; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (ANSWER): (ALL CG/CV/CVN/FFG/LHD/LPD/LCC/MCM HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
Military Sealift Command (MSC) POC, John McHugh, Norfolk, Va.

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (ANSWER) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Sarah Aschenbach & John McHugh

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4740) TEST KIT, NITRITE, (Part# 7183-01 KIT, INCLUDES: FERROIN INDICATOR 6410 & 2789 CAN SOLUTION), NSN: NONE  
(d) POC for the FFG, LCS, MCM & CG HULLS): NSWCCD-SSES Sarah Aschenbach  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) SFR request from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities reference (b) and (e). The following information provides the current status of your SFR.

2. Upon ref (b) final review of the package, ref (b) submitted the package to ref (f) TA for NSN assignment. Per ref (f), Local Stock Number (LSN) 9Q-8010-LH-A00-4769 has been assigned to ref (c) product and has been added to the Master SHML and the CG/CV/CVN/FFG/LHD/LPD/LCC &

MCM T-SHML's with an Allowed On Board (AOB) code of "R" (RESTRICTED FOR TESTING OF DIESEL JACKET WATER ONLY).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, February 13, 2013 11:43 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: SFR #4740  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

*MMI = "N"*

Mike,

There is an error in the response below. The MMI code should be listed as N, due to the fact that the test kit will need to be on hand in the oil lab at all times.

Respectfully,  
Marianne

-----Original Message-----

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 08, 2013 13:25  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4740

Mike,

SFR #4740: The SFR requested material (NSN: in process of being assigned; Test Kit, Nitrite) is required per Code 615 to replace the current nitrite test kit in NSTM 220 V3 R4. Therefore, this item should be authorized with an AOB code of R on the Master SHML and assigned an MMI code of Y. Furthermore, the item should be authorized with an AOB code of R on the CVN, FFG, LHD, LPD, LCC, and MCM Type SHMLs, and prohibited on all other T-SHMLs. This item is restricted for testing of diesel jacket water only. It is recommended that once the NSN is assigned, the applicable MRC(s) and technical manual should be updated to reflect changes in proper handling and PPE requirements.

Respectfully,  
Marianne

✉ Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*Note:  
Sarah Aschenbach  
is getting NSN assigned.*

*V/CI/H*

*CV/FG/LH/LP/MC/OT/MS*

*9Q-6810-LH-A00-4269*

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/23/2013 FPO#: ALL HUL - UIC#: ALL TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4740  ATTACHED FROM (SHIP): ALL FFG, LCS, MCM & CG HULLS  PRODUCT NAME: TEST KIT, NITRITE  DATE ON SFR: 1/23/2012
NAVICP-M	1/24/2013	MC	NSN/NIIN: --- CAGE: 34807
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7183-01 KIT, INCLUDES: FERROIN INDICATOR 6410, 2789 CAN SOLUTION
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE 9Q-6810-LH-APP-4769 MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NSTM 220 V3 R4
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/C1/H UNIT OF ISSUE KIT. PER SARAH ASCHENBACH: (CODE 615) IS GETTING NSN ASSIGNED.

**RECEIVED**  
**JAN 23 2013**  
 BY: SFR 4740

# SHIP'S HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: FFG, LCS, MCM, & CG      HULL NUMBER:      TYCOM: CHOOSE ONE  
 UIC:      Serial Number:      AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
 NITRITE TEST KIT WILL REPLACE CURRENT NITRITE TEST KIT IN NSTM 220 VOL 3 REV 4. ISEA FOR BW/FW (CODE 615) HAS CONDUCTED TESTING AND SELECTED THIS KIT FOR PROPER CHEMISTRY AND EASE OF USE.

NOTE: Code 615 is in the process of getting an NSN assigned to this product.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6850-01-154-3653

## II. TECHNICAL DATA

9Q-6810-LH-A00-4769

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL: NSTM 220 V3 R4

REV.

ESTIMATED YEARLY REQUIREMENT:

## III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: - - -

Cage 34807

MANUFACTURER: LAMOTTE COMPANY

PHONE: 800 - 344 - 3100

ITEM OR TRADE NAME: TEST KIT, NITRITE

PART NUMBER OR SPECIFICATION: 7183-01

\$102.00

UNIT OF ISSUE: KT

UNIT OF MEASURE: KT

## IV. ENDORSEMENTS

REQUESTORS NAME: SARAH ASCHENBACH

RANK:

EMAIL: sarah.aschenbach@navy.mil

DATE PREPARED: 1/23/2012

COMMANDER OR DESIGNEE NAME:

RANK:

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
 P.O. Box 2020, Code M0772.22  
 5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
 Fax: DSN 430-2480 or COM 717-605-3480  
 Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, January 24, 2013 1:30 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; Mchugh, John CIV MSC N46; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** (ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4740) TEST KIT, NITRITE, (Part# 7183-01 KIT, INCLUDES: FERROIN INDICATOR 6410 & 2789 CAN SOLUTION), NSN: NONE  
(d) POC for the FFG, LCS, MCM & CG HULLS): NSWCCD-SSES Sarah Aschenbach  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

*SENT OUT FOR NSN ASSIGNMENT BY SARAH ASCHENBACH*

*LH-APP-4769*

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.



2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, January 24, 2013 1:55 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR 4740 FOR YOUR REVIEW.  
**Attachments:** SFR 4740

Marianne,

I am assuming that this SFR request is already approved since Sarah has already taken care of the process of getting the NSN assigned. Upon your approval for NSN assignment (I need something in writing), let me know how you want the NSN loaded in the SHML (AOB code etc) and in the mean time, I will file this SFR in my "NSN Assignment Pending" folder. Unless Sarah specifies, I will not need to send (scan) her the SFR package for NSN assignment.

Thanks.  
Mike

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, January 24, 2013 1:27 PM  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Cc:** He, Marianne C CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: (QUESTION) ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Sarah,

Ok. I will copy you on all correspondence for SFR 4740 since you are the SFR submitter. Please let me know when the NSN is assigned (you did say you are taking care of that part). When you give me the NSN, I will update all my data bases along with ERP and the SHML. I will still need something from Marianne stating item is approved and when NSN is assigned what/how it is to be loaded in the SHML (normal SFR answer).

Thanks again.  
Mike

-----Original Message-----

**From:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, January 24, 2013 13:24  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: (QUESTION) ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Mike,

I'm the POC - this is all the advance work to make sure the product has logistics support before it hits the ship so that the ship can go ahead and purchase this item once we update the testing procedures in the tech manual.

Sarah

Sarah Aschenbach  
Materials Engineer, Naval Fluids Branch Code 615 Naval Surface Warfare Center, Carderock Division  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 29  
sarah.aschenbach@navy.mil  
ph. (215) 897-7401  
fax (215) 897-8450

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, January 24, 2013 13:19  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Subject:** FW: (QUESTION) ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Sarah,

Is there a POC that I can CC on all this correspondence that will be able to advise the FFG/LCS/MCM & CG people how this SFR request is progressing?

Mike

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077  
Sent: Thursday, January 24, 2013 13:13  
To: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
Subject: RE: ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Sarah,

I will forward this to Marianne He. Thanks for the clarification. I thought this was a special project you were doing the SFR review for. I will be awaiting Marianne's clarification on approval/disapproval of this SFR request as usual. If approved, I will be awaiting her response on how she wants the NSN to get entered into the SHML once the NSN is assigned.

You did mention that code 615 is in the process of getting an NSN assigned to this project. As you know, I am no longer allowed to put in requests for maintenance actions or NSN assignments. No funding is available. So I am grateful you are getting this one assigned or else it would never get done.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

From: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
Sent: Thursday, January 24, 2013 13:00  
To: Celona, Michael J CIV NAVSUP WSS, M077  
Subject: RE: ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Mike,

To clarify - I am still no longer handling SFRs, this should be made attention to Marianne He. I submitted this as the ISEA for water chemistry as part of my new position.

Sarah Aschenbach

Materials Engineer, Naval Fluids Branch Code 615 Naval Surface Warfare Center, Carderock Division

5001 S. Broad Street

Philadelphia, PA 19112, BLDG 29

sarah.aschenbach@navy.mil

ph. (215) 897-7401

fax (215) 897-8450

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077

Sent: Thursday, January 24, 2013 12:56

To: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350

Cc: 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350

Subject: ALL FFG, LCS, MCM & CG HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

Importance: High

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Sarah Aschenbach

Ref: (a) NAVSUP PUB P-485 SFR PROCESS

(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480

(c) (SFR #4740) TEST KIT, NITRITE,  
(Part# 7183-01 KIT, INCLUDES: FERROIN INDICATOR 6410 &  
2789 CAN SOLUTION), NSN: NONE

(d) POC for the FFG, LCS, MCM & CG HULLS): NSWCCD-SSES Sarah Aschenbach

(e) NSWCCD-SSES POC, Sarah Aschenbach, Tel: (215) 897-7401, DSN: 430-7401

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

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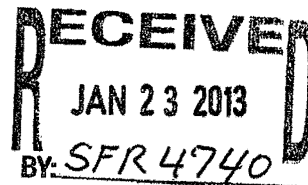
**From:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, January 23, 2013 1:15 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR for LaMotte Nitrite Test Kit  
**Attachments:** Lamotte - Ferroin - DropCount-7183-01[1].pdf; MSDS-FERROIN\_INDICATOR\_MTR\_NAM\_EN[1].pdf; MSDS-CAN\_SOLUTION\_MTR\_NAM\_EN[1].pdf; SFR Nitrite Test Kit.docx  
**Signed By:** sarah.phillips1@navy.mil

Mike,

Enclosed is an SFR request for a test kit. I have attached technical data and the MSDSs for the product (the request is for the kit, and there is a powder indicator and a liquid test solution included in the kit). I am taking care of getting an NSN since the same group will be doing some other ILS changes for me. Please let me know if you need anything else.

Sarah

Sarah Aschenbach  
Materials Engineer, Naval Fluids Branch Code 615  
Naval Surface Warfare Center, Carderock Division  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 29  
[sarah.aschenbach@navy.mil](mailto:sarah.aschenbach@navy.mil)  
ph. (215) 897-7401  
fax (215) 897-8450



**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, February 08, 2013 2:37 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** McHugh, John CIV MSC N46; 'COMNAVAIRPAC'; 'COMNAVAIRLANT' (aor@saltmail.salts.navy.mil); 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (REQUEST): (ALL CG/CV/CVN/FFG/LHD/LPD/LCC/MCM HULLS): SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4740

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (REQUEST) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

*SARAH ASCHENBACH  
ALREADY SENT THIS OUT  
FOR NSN ASSIGNMENT (SEE ATTACHED).*

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4740) TEST KIT, NITRITE, (Part# 7183-01 KIT, INCLUDES: FERROIN INDICATOR 6410 & 2789 CAN SOLUTION), NSN: NONE *LHA004769*  
(d) POC for the FFG, LCS, MCM & CG HULLS): NSWCCD-SSES Sarah Aschenbach  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per reference (a), reference (b) received reference (c) SFR request from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities reference (b) and (e). The following information provides the current status of your SFR.

2. Per reference (e), reference (c) SFR has been approved and sent out for NSN assignment. When the NSN is assigned, all POC's will be advised of this action. The new NSN will then be added to the Master SHML and the CG/CV/CVN/FFG/LHD/LPD/LCC & MCM T-SHML's with an Allowed On Board (AOB) code of "R" (RESTRICTED FOR TESTING OF DIESEL JACKET WATER ONLY).



3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, February 01, 2013 12:10 PM  
**To:** 'USS HARRY S. TRUMAN'; 'Rodriguez, Jose', L. LSC (CVN75 S9 LCPO); 'Sargent, Michael P. LT (CVN75 S-8)'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4741 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Harry S. Truman (CVN-75)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW/AW) Jose L. Rodriguez

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4741) PAINT, LATEX, (Part# MPI 119-001G-15050; DURAPLEX 1190, GLOSS BLUE, CHIP# 15050), NSN: 8010-01-333-9819  
(d) POC for the USS Harry S. Truman (CVN-75): LSC (SW/AW) Jose L. Rodriguez  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4741 per ref (e):

Mike,

SFR #4741: The SFR requested material (NSN: 8010-01-333-9819; Paint, Latex) shall remain unlisted on the SHML. In order to either authorize the item or determine a suitable substitute, Code 635 will need further information from the requester regarding the item's requirements (i.e. AEL/APL, MRC/MIP, Tech document). It is recommended that the requesting hull submit these requirements to Code 635.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 8010-01-333-9819 IS NOT APPROVED for use and will remain unlisted in the SHML.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 01, 2013 11:55 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4741  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Harry S. Truman (CVN 75)

*Rej. Do not add.*

SFR #4741: The SFR requested material (NSN: 8010-01-333-9819; Paint, Latex) shall remain unlisted on the SHML. In order to either authorize the item or determine a suitable substitute, Code 635 will need further information from the requester regarding the item's requirements (i.e. AEL/APL, MRC/MIP, Tech document). It is recommended that the requesting hull submit these requirements to Code 635.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 1/24/2013 <b>FPO#:</b> AE09524 - 2875 <b>UIC#:</b> 21853 <b>TYCOM:</b> SURFLANT			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  <b>SFR #</b> 4741  <b>ATTACHED FROM (SHIP):</b> USS HARRY S. TRUMAN (CVN-75)  <b>PRODUCT NAME:</b> PAINT, LATEX  <b>DATE ON SFR:</b> 1/17/2013
NAVICP-M	1/25/2013	MC	<b>NSN/NIIN:</b> 8010-01-333-9819 <b>CAGE:</b> 80244
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> MPI 119-001G-15050; DURAPLEX 1190, GLOSS BLUE, CHIP #15050
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) <b>NIS</b>
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) CWSQY
			<b>MIP:</b> NONE
			<b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE
			<b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> 1308 - P			<b>NOTES:</b> 5/T6/A 1 GALLON CAN. NO COG. NO NAVY USE. NOT AUTHORIZED TO DO MAINTENANCE ACTION.

AB09524-2875

Current Date: 1/17/2013

NOT  
RECEIVED  
JAN 24 2013  
BY: SFR 4741

# SHIP'S HAZARDOUS MATERIALS LIST (SHML) N15 FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS HARRY S. TRUMAN HULL NUMBER: CVN-75 TYCOM: AIRLANT  
UIC: 21853 Serial Number: 9287 AIRCRAFT RELATED: Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
NSN not in the SHML. This is a high use item for Commanding Officer level spaces; In addition, Deck, Supply and Navigation use this paint frequently for the maintenance and upkeep of the ships, passageways and borders.

Cage L0035/P/N-MPI 119/  
MFG.- MASTER PAINTERS & DECORATORS  
888-674-8937

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

## II. TECHNICAL DATA

See SFR #1308-P

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: Cage 3F338 P/N DURAPLEX 1190  
DURANT PERFORMANCE CONTINGENT REV.  
800-420-0021 INC.

ESTIMATED YEARLY REQUIREMENT: 50 gal

## III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 8010-01-333-9819

Cage 80244  
P/N MPI 119-001G-15050  
GSA FED  
SUPP. SERV.

MANUFACTURER: DURANT Corp. GSA

PHONE: 781-289-1400

ITEM OR TRADE NAME: Exterior Latex Gloss (PAINT, LATEX)

PART NUMBER OR SPECIFICATION: Chip # 15050, MPI 119, BLUE, GLOSS, DURAPLEX 1190

UNIT OF ISSUE: 1 GL

UNIT OF MEASURE: Gal 1-GL-CN

## IV. ENDORSEMENTS

NO NAVY USE / NO COG

CANNOT DO MAINT. ACTIONS

REQUESTORS NAME: Jose Rodriguez

RANK: LSC

EMAIL: rodrigjl@cvn75.navy.mil

DATE PREPARED: 17 JAN 2013

COMMANDER OR DESIGNEE NAME: J.B. Theriault

RANK: CDR

EMAIL: SUPPO@CVN75.NAVY.MIL

DATE: 24 JAN 2012

SIGNATURE: [Signature] BY DIRECTOR

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

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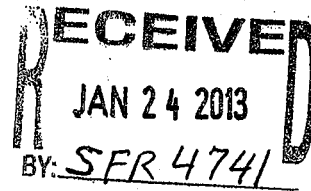
**From:** Rodriguez, Jose', L. LSC (CVN75 S9 LCPO) [rodrigj@cvn75.navy.mil]  
**Sent:** Thursday, January 24, 2013 5:40 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Richardson, David W CTR CNAP, N412; Sargent, Michael P. LT (CVN75 S-8)  
**Subject:** SFR for  
**Attachments:** 013339819 TDS.pdf; 013339819.pdf; img-124140725-0001.pdf

Mr. Celona;

Attached is the SFR for NSN: 8010-01-333-9819. We are requesting to have this NSN added to the SHMIL and have it authorized for shipboard use. As always thank you and your team for all the support we continue to receive.

VR,

Jose L. Rodriguez



LSC(SW/AW) HAZMO / S-8A LCPO

USS HARRY S. TRUMAN (CVN-75)

H: 16329 J: 6254

IN TIMES OF WAR OR UNCERTAINTY THERE IS A SPECIAL BREED OF WARRIOR READY TO ANSWER OUR NATION'S CALL. A COMMON MAN WITH UNCOMMON DESIRE TO SUCCEED. FORGED BY ADVERSITY. HE STANDS ALONGSIDE AMERICA'S FINEST LOGISTICS OPERATIONS FORCES TO SERVE HIS COUNTRY AND THE AMERICAN PEOPLE, AND TO PROTECT THEIR WAY OF LIFE. I AM THAT MAN.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, January 25, 2013 11:13 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS HARRY S. TRUMAN; Richardson, David W CTR CNAP, N412; 'Rodriguez, Jose', L. LSC (CVN75 S9 LCPO); Sargent, Michael P. LT (CVN75 S-8); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4741

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4741) PAINT, LATEX, (Part# MPI 119-001G-15050; DURAPLEX 1190, GLOSS BLUE, CHIP# 15050), NSN: 8010-01-333-9819  
(d) POC for the USS Harry S. Truman (CVN-75): LSC (SW/AW) Jose L. Rodriguez  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the



results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/009  
25 January 2013

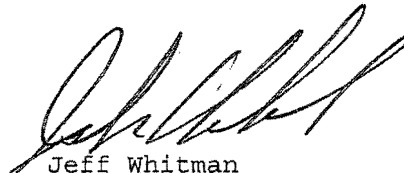
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4741)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4741) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
for, Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 11:03 AM  
**To:** 'USS HARRY S. TRUMAN'; 'Rodriguez, Jose', L. LSC (CVN75 S9 LCPO)  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4742 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Harry S. Truman (CVN-75)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW/AW) Jose L. Rodriguez

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4742) LUBRICATING OIL, AIR COMPRESSOR, (Part #BRAYCO 885; WINSOR LUBE L 245 X), NSN: 9150-01-102-5020  
(d) USS Harry S. Truman (CVN-75) Point Of Contact (POC) LSC (SW/AW) Jose L. Rodriguez  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4742 per ref (e):

Mike,

SFR #4742 LUBRICATING OIL, AIR COMPRESSOR, Part #BRAYCO 885, NSN: 9150-01-102-5020 is authorized for use on the E2C per NAVAIR 01-E2AAA-2-1 (dated 1 July 2012).

Please update Allowed On Board (AOB) code from P to R on CVN T-SHML, NAVAIR Use Only.

Vr,  
Mary  
Mary Hammerer  
NAVAIR  
301-866-2493

Therefore, NSN: 9150-01-102-5020 IS APPROVED FOR USE and will be updated in the Master SHML and the CVN T-SHML with an AOB code of "R" (RESTRICTED TO NAVAIR USE ONLY).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Hammerer, Mary Q CIV NAVAIR 6.7.1.4  
**Sent:** Tuesday, January 29, 2013 10:05 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Ichniowski, Matthew CIV nawcad, 6.0  
**Subject:** RE: USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4742  
**Signed By:** MARY.HAMMERER@navy.mil

Ignore the previous email - I was looking at the wrong line in the AHML. It is only used by the E-2C.

Mike,

SFR #4742 LUBRICATING OIL, AIR COMPRESSOR, Part #BRAYCO 885, NSN: 9150-01-102-5020 is authorized for use on the E2C per NAVAIR 01-E2AAA-2-1 (dated 1 July 2012).

Please update AOB code from P to R on CVN T-SHML, NAVAIR Use Only.

Vr,  
Mary

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 29, 2013 7:16  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** 'USS HARRY S. TRUMAN'; 'Rodriguez, Jose', L. LSC (CVN75 S9 LCPO)'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4742

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Matthew Ichniowski

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 1/28/2013 FPO#: AE09524 - 2875 UIC#: 21853 TYCOM: AIRLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4742  ATTACHED FROM (SHIP): USS HARRY S. TRUMAN (CVN-75)  PRODUCT NAME: LUBRICATING OIL, AIR COMPRESSOR  DATE ON SFR: 1/20/2013
NAVICP-M	1/29/2013	MC	NSN/NIIN: 9150-01-102-5020 CAGE: 2R128
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: BRAYCO 885; WINSOR LUBE L 245 X
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; P O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) CYMYM
			MIP: NONE  MRC: NAVAIR 01-E2IMP-6-3
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NAVAIR 01-E2AAA-2-1 WP 065 01 PARAGRAPH 18
			AIRCRAFT APPLICATIONS: YES
RELATED SFR's: NONE			NOTES: S/V6/B 1 PINT CONTAINER.

RECEIVED  
JAN 28 2013

AE09524-2875

Current Date: 20JAN13

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

BY: SFR 4742

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

Master (R)  
T-SHML (P)  
NIH

SHIP NAME: USS HARRY S. TRUMAN

HULL NUMBER: CVN-75

TYCOM: AIRLANT

UIC: 21853

Serial Number: 9288

AIRCRAFT RELATED: ☒ Yes ☐ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

For use with E-2C Group 2 aircraft for Vapor Cycle Systems lubrication. During previous deployments squadron was utilizing newer lot series aircraft. The older Group 2 aircraft requires MIL-L-6085, Brayco 885-20KV, or Winsor Lube L-245X. Utilized during E-2C Group 2 aircraft 56-Day Aircraft Special Inspection for Sampling of and Adding Lubricating Oil to Vapor Cycle System.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #: NAVAIR 01-E2IMP-6-3 APL OR AEL:  
CARD 28

TECH MANUAL: NAVAIR 01-E2AAA-2-1  
WP 065 01 Paragraph 18

REV.

ESTIMATED YEARLY REQUIREMENT: 26 PT

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 9150-01-102-5020

MANUFACTURER: ~~ANDERSON OIL AND CHEMICAL CO INC~~ CASTROL INDUSTRIAL NORTH AMERICA, INC. PHONE: 860-342-1669

ITEM OR TRADE NAME: Lubrication<sup>NG</sup> Oil, AIR COMPRESSOR

PART NUMBER OR SPECIFICATION: MIL-L-6085, (Brayco 885) 20KV, or (Winsor Lube L-245X)

UNIT OF ISSUE: PT

UNIT OF MEASURE: PT

IV. ENDORSEMENTS

REQUESTORS NAME: J.L. RODRIGUEZ

EMAIL: RODRIGJL@CVN75.NAVY.MIL

COMMANDER OR DESIGNEE NAME: J.B. THERIAULT

EMAIL: SUPPO@CVN75.NAVY.MIL

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

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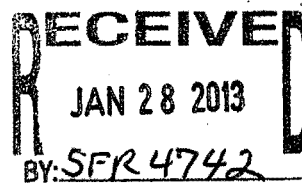
**From:** Rodriguez, Jose', L. LSC (CVN75 S9 LCPO) [rodrigjl@cvn75.navy.mil]  
**Sent:** Monday, January 28, 2013 1:26 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Richardson, David W CTR CNAP, N412  
**Subject:** CAG 3 SFR 01-102-5020  
**Attachments:** 115195Brayco 885[1].pdf; img-128093558-0001.pdf; 01-e2imp-6-3 REF FOR 011025020 LUB OIL.TIF; 01-e2aaa-2-1 REF FOR 011025020 LUB OIL.TIF

Good morning Mr. Celona,

Hope all is well on your side of the world. Attached are the SFR for NIIN 01-102-5020 and supporting documents. Please let me know if there is anything else you need from us. As always, thank you for the great support to the fleet.

VR,

Jose L. Rodriguez



LSC(SW/AW) HAZMO / S-8A LCPO

USS HARRY S. TRUMAN (CVN-75)

H: 16329 J: 6254

IN TIMES OF WAR OR UNCERTAINTY THERE IS A SPECIAL BREED OF WARRIOR READY TO ANSWER OUR NATION'S CALL. A COMMON MAN WITH UNCOMMON DESIRE TO SUCCEED. FORGED BY ADVERSITY. HE STANDS ALONGSIDE AMERICA'S FINEST LOGISTICS OPERATIONS FORCES TO SERVE HIS COUNTRY AND THE AMERICAN PEOPLE, AND TO PROTECT THEIR WAY OF LIFE. I AM THAT MAN.



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, January 29, 2013 7:16 AM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** 'USS HARRY S. TRUMAN'; 'Rodriguez, Jose', L. LSC (CVN75 S9 LCPO)'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS HARRY S. TRUMAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4742

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Matthew Ichniowski

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4742) LUBRICATING OIL, AIR COMPRESSOR, (Part #BRAYCO 885; WINSOR LUBE L 245 X), NSN: 9150-01-102-5020  
(d) USS Harry S. Truman (CVN-75) Point Of Contact (POC) LSC (SW/AW) Jose L. Rodriguez  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon re (e) recommendation, NAVAIR TA will issue an authorization decision. At that time, ref (b) will Advise all POC's of the final analysis approval/disapproval) of ref (e) review. When the

results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE 5450 CARLISLE PIKE - PO BOX 2020  
PHILADELPHIA PA 19111-5098 MECHANICSBURG PA 17055-0788

COM 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772//010  
29 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772  
To: Commanding Officer, Naval Aviation Depot, Patuxent River  
MD.

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR #4742)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4742) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

A handwritten signature in black ink, appearing to read "Jeff Whitman", is centered below the list.

For Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, February 04, 2013 12:55 PM  
**To:** 'USS NIMITZ'; 'Hahn, Samuel LTJG'; 'Hood, Lisa LS2'; 'Jeffcoat, Malcolm A. LS1'; 'Kollar, Jesse LSCS'; 'Key, Michael D. LT'; 'Dunbar, John CWO2'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4743 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Nimitz (CVN-68)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LTJG Hahn

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4743) 2033 CLEAR THIN SPREAD TILE ADHESIVE, (Part# TAYLOR 2033), NSN: NONE  
(d) POC for the USS Nimitz (CVN-68): LTJG Hahn  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4743 per ref (e):

Mike,

USS Nimitz (CVN 68)

SFR #4743: The SFR requested material (NSN: ---, 2033 Clear Thin Spread Tile Adhesive) is not approved for the intended use. It is recommended that the cleaning catalog (S6480-A4-CAT-010) be consulted for an appropriate material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, 2033 Clear Thin Spread Tile Adhesive IS NOT APPROVED for use and will not be added to the SHML.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Monday, February 04, 2013 9:57 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4743  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Nimitz (CVN 68)

SFR #4743: The SFR requested material (NSN: ---, 2033 Clear Thin Spread Tile Adhesive) is not approved for the intended use. It is recommended that the ~~cleaning catalog~~ (S6480-A4-CAT-010) be consulted for an appropriate material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*Reg. Do not add.*

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 1/30/2013    FPO#: AP96620 - 2820    UIC#: 03368    TYCOM: SURFPAC</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:            SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4743</b>  <b>ATTACHED FROM (SHIP):    USS NIMITZ (CVN-68)</b>  <b>PRODUCT NAME: 2033 CLEAR THIN SPREAD TILE ADHESIVE</b>  <b>DATE ON SFR:    10/8/2012</b>
<b>NAVICP-M</b>	<b>1/30/2013</b>	<b>MC</b>	<b>NSN/NIIN:    ---                    CAGE: 4J6Q8</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>TAYLOR 2033</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined)</b> <b>NIS</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>CTPVY</b>
			<b>MIP: NONE</b>
			<b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>
			<b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: NONE</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: 5/T6/B    700 WIPEs PER PACKAGE.</b> <b>EVEN THOUGH I FOUND A CAGE, THE MANUFACTURER SAID THAT THEY DON'T EVEN MANUFACTURE WIPEs IN THIS PRODUCT. THERE IS NO UNIT OF ISSUE AS "GA". ITEM DOES NOT EXIST IN THE NAVY SUPPLY SYSTEM. I AM NOT AUTHORIZED TO REQUEST NSN ASSIGNMENTS FOR ANY PRODUCTS. I HAVE NO IDEA WHAT THE SFR SUBMITTER IS REQUESTING. NO CATALOGER WOULD ASSIGN AN NSN TO CONFUSING TECHNICAL DATA SUCH AS THIS. THERE IS ALREADY HUNDREDS OF ADHESIVES LISTED IN THE SHML.</b>

AP96620-2820

Current Date: 01/29/13

**RECEIVED**  
JAN 30 2013  
BY: SFR #4743**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**NIS  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS NIMITZ

HULL NUMBER: CVN-68

TYCOM: COMNAVAIRPAC

UIC: R03368

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This item is required for proper sanitation of the ship's cardio gyms, weight rooms, and  
all associated equipment. Item is under GSA contract GS-02F-0087W.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

Cage 45628

MANUFACTURER: W. F. TAYLOR CO. INC.

706-847-9771  
PHONE: 800-868-4583

ITEM OR TRADE NAME: 2033 CLEAR THIN SPREAD TILE ADHESIVE

PART NUMBER OR SPECIFICATION: TAYLOR 2033

UNIT OF ISSUE: GA

UNIT OF MEASURE: 700 WIPES PER PACKAGE

CTPVY  
5/16/13

NEW MSDS ATTACHED

**IV. ENDORSEMENTS**HUNDREDS OF ADHESIVES ALREADY  
LISTED IN SHML

REQUESTORS NAME: AMPOSTA, JAN-PAUL P.

RANK: LTJG

EMAIL: Janpaul.amposta@cvn68.navy.mil

DATE PREPARED: 8OCT2012

COMMANDER OR DESIGNEE NAME:

RANK:

EMAIL:

DATE:

PRODUCT DOES NOT  
COME IN "WIPES".

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

ONLY  
BUCKETSElectronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

NOT ABLE

TO PROCESS  
FOR NSN.

IN CORRECT DATA

NOT AUTHORIZED  
TO GET NSN'S ASSIGNED  
TO PRODUCTS.





## Certificate of Compliance

### Certification Details:

**Certificate No:** 2135-410

**Status:** Certified

**Period:** 08/2005 - 08/2013

**Restrictions:** NONE

### **TAYLOR 2033 CLEAR THIN SPREAD TILE ADHESIVE**

**W.F. Taylor**

This product has been certified according to the GREENGUARD Indoor Air Quality (IAQ) Certification Program for Low Emitting Products

**Reference Standard:** GGPS.001 GREENGUARD IAQ Standard for Building Materials, Finishes, and Furnishings

**Product Type:** General Products

Criteria	Allowable Limits
TVOC <sup>1</sup>	$\leq 0.5 \text{ mg/m}^3$
Formaldehyde	$\leq 0.05 \text{ ppm}$
Total Aldehydes <sup>2</sup>	$\leq 0.1 \text{ ppm}$
Individual VOCs <sup>3</sup>	$\leq 0.1 \text{ TLV}$

Listing of measured carcinogens and reproductive toxins as identified by California Proposition 65, the U.S. National Toxicology Program (NTP), and the International Agency on Research on Cancer (IARC) must be provided.

Any pollutant regulated as a primary or secondary outdoor air pollutant must meet a concentration that will not generate an air concentration greater than that promulgated by the National Ambient Air Quality Standard (U.S. EPA, code of Federal Regulations, Title 40, Part 50).

See referenced standard for a complete technical explanation.

<sup>1</sup> Defined to be the total response of measured VOCs falling within the C<sub>6</sub>-C<sub>16</sub> range, with responses calibrated to a toluene surrogate.

<sup>2</sup> Defined to be the total response of a target list of aldehydes (2-butenal; acetaldehyde; benzaldehyde; 2, 5-dimethylbenzaldehyde, 2-methylbenzaldehyde; 3-and/or 4-methylbenzaldehyde; butanal; 3-methylbutanal; formaldehyde; hexanal; pentanal; propanal), with each individually calibrated to a compound specific standard.

<sup>3</sup> Any pollutant not listed must produce an air concentration level no greater than 1/10 the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, Ohio 45211-4438).

GREENGUARD Certification affirms that products meet the criteria of the referenced standard and the requirements of the specific certification program. Certification testing is conducted according to a consistent, defined protocol. The testing does not evaluate emissions under usage conditions other than those defined in the protocol and does not address potential environmental impact other than chemical and particle emissions.

The GREENGUARD Environmental Institute (GEI) is an industry independent, third-party certification organization that qualifies products for low chemical emissions. GREENGUARD Certification programs use defined product standards, test methodologies, product sample collection and handling procedures, program application processes and on-going verification procedures. GREENGUARD standards, methods, and procedures are available at [www.GREENGUARD.org](http://www.GREENGUARD.org).

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## 2033

Clear Thin Spread Tile Adhesive  
[Home » ENVIROTEC® Adhesives » 2033](#)



**1** QUART  
**1** GALLON  
**4** GALLON

CaCl<sub>2</sub> Max. 8 lbs RH Max. 90% pH Range 5 to 9

Like **1k**

Taylor 2033 is a clear set, solvent free, pressure sensitive adhesive made for the interior installation of asphalt and vinyl composition tile (VCT) and closed-cell foam-back hardwood parquet over approved substrates. This adhesive is formulated to be fast drying for quick installation. Tiles may be installed up to 24 hours after initial drying if the area remains dust and dirt free. Product has excellent moisture resistance. Taylor 2033 is a solvent-free, low-odor adhesive that meets all Federal, State and local government indoor air quality regulations. Do not use to install solid vinyl backed flooring.



Goto this page directly:

<http://www.wftaylor.com/index.php/1185/2033/>

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MS-Plus® Resilient Moisture Barrier Adhesive (MBA)®, MS-Plus® Advance™, Transitional Pressure Sensitive (TPS)®, Meta-Tec®, Meta-Sept®, Envirotec-Healthguard® and Touchdown® are registered trademarks. Meta-Tec® U.S. Patent # 6,706,789 | © Copyright 1999 - 2012 W.F. Taylor Co., Inc.

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# TAYLOR 2033

## MATERIAL SAFETY DATA SHEET

### SECTION I IDENTIFICATION

**Manufacturer's Name:** W.F. Taylor Co., Inc.  
**Address/Phone:** 11545 Pacific Ave.  
Fontana, CA 92337  
951.360.6677  
**Emergency Phone No.:** 800.535.5053  
**Manufacturer's Code Identification:** 2033  
**Product Class:** Synthetic rubber, resin blend  
**Trade Name:** 2033 Clear Thin Spread Tile Adhesive  
**Date Revised:** 12/21/10

### SECTION II HAZARDOUS INGREDIENTS

**None per OSHA Regulation:** 29 CFR 1910.1200  
**SARA Title III Section 313 Chemicals:** None  
**NFPA**      **HMIS**  
                  H = 0  
                  F = 0  
                  R = 0

### SECTION III PHYSICAL DATA

**Boiling Point:** 212° F  
**Evaporation Rate/Vapor Density:** Same as water  
**Vapor Pressure:** Same as water  
**LBS/GAL:** 9.0 – 9.3  
**Percent Volatile:** 48 – 50 (by weight)  
**Odor:** Nil  
**Color:** Light yellow

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**DOT Category:** Not regulated  
**Flash Point:** None  
**LEL:** N/A  
**Extinguishing Media:** None required  
**Unusual Fire and Explosion Hazards:** None Known  
**Special Fire Fighting Procedures:** None.

### SECTION V HEALTH HAZARD DATA

**Symptoms of Over Exposure:**  
Eyes: May cause mild irritation  
Skin/ Inhalation/ Ingestion: May cause slight irritation  
**First Aid Procedures:**  
Eyes: Flush with water  
Skin: Wash with soap and water  
Inhalation: Remove to fresh air if needed

### SECTION VI REACTIVITY DATA

**Stability:** Stable  
**Conditions to avoid:** None known  
**Hazardous decomposition products:** None known  
**Incompatibility/Materials to avoid:** None known  
**Hazardous polymerization:** Will not occur

### SECTION VII SPILL OR LEAK PROCEDURES

**Steps to Be Taken if Material is Spilled:** Keep out of sewer systems to prevent blockage due to polymer deposits. Use absorbent material to collect and/or scrape up excess and place into closed DOT approved containers for disposal.

**Waste Disposal:** Abide by all federal, state, and local regulations.

### SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiratory protection:** None needed  
**Ventilation:** Local exhaust  
**Protective gloves:** None required  
**Eyes:** Goggles  
**Other protective equipment:** None.

### SECTION IX SPECIAL PRECAUTIONS

**Precaution for Handling and Storing:** Do not puncture.  
**KEEP OUT OF REACH OF CHILDREN**



[www.wftaylor.com](http://www.wftaylor.com)

# TAYLOR

Innovative Science. Applied Technology.

# 2033

## SPECIFICATION SHEET



### DESCRIPTION: 2033 CLEAR THIN SPREAD TILE ADHESIVE

Taylor 2033 is a clear set, solvent free, pressure sensitive adhesive made for the interior installation of asphalt and vinyl composition tile (VCT) and closed-cell foam-back hardwood parquet over approved substrates. This adhesive is formulated to be fast drying for quick installation. Tiles may be installed up to 24 hours after initial drying if the area remains dust and dirt free. Product has excellent moisture resistance. Taylor 2033 is a solvent-free, low-odor adhesive that meets all Federal, State and local government indoor air quality regulations. Do not use to install solid vinyl backed flooring.

**USE TO INSTALL:** Asphalt tile, vinyl composition tile (VCT) and closed cell foam-back hardwood parquet.

**USE OVER:** Above, on, or below grade concrete in the absence of excessive moisture and alkalinity; association grade plywood underlayment; association grade particleboard underlayment; existing well-bonded resilient flooring; poured in place and primed gypsum subfloors; radiant heated subfloors where surface temperatures do not exceed 85°F (29.40°C); existing cutback residue; and terrazzo. The pH level of concrete must be between 5 and 9 (do not install if over 9) and moisture level of concrete must be below 8 lbs./1000 sq. ft./24 hours using an anhydrous calcium chloride test kit according to ASTM F-1869 test method. Relative Humidity readings according to ASTM F-2170 should not exceed (RH) 90%. If both tests are performed the RH test is the qualifying standard. **Installation Note:** Adhesives applied over non-porous substrates require extended drying time. Adhesive must be completely dry before laying tiles.

**SUBSTRATE PREPARATION:** Floor must be clean, level and dry. Remove all foreign substances such as wax, grease, dirt and any substance or chemical that would interfere with a good bond. Fill all holes and cracks with a latex fortified Portland cement based patching compound. Sand high spots, install approved underlayment over tongue and groove flooring to eliminate the possibility of telegraphing.

**INSTALLATION:** The adhesive, floor covering, and area to receive flooring must be maintained at a temperature of 65°-95°F (18.30°-43.09°C) and at a relative humidity of 30%-60% for 72 hours before, during, and after installation. Follow the flooring manufacturer's guidelines regarding site conditions and installation.

Flooring	Typical Trowel Size and Notch	Coverage
VCT over porous	1/16" x 1/32" x 1/32" U 1.6mm x 0.8mm x 0.8mm U	Up to 350 sq. ft./gal Up to 8.6 sq. meters/liter
VCT over non-porous	1/16" x 1/32" x 5/64" U 1.6mm x 0.8mm x 2mm U	Up to 400 sq. ft./gal Up to 9.8 sq. meters/liter
Foam back parquet:	1/16" x 1/16" x 1/16" square 1.6mm x 1.6mm x 1.6mm	Up to 250 sq. ft./gal Up to 6.1 sq. meters liter

\*Trowel dimensions are width x depth x spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

1. Apply adhesive with recommended trowel to approved substrate. It is the installer's responsibility to apply the proper amount of adhesive for the job condition.
2. Allow adhesive to dry to the point where it will not transfer to the fingers when pressed. Adhesive must be completely dry when installing over non-porous substrates. Drying time will vary with temperature, humidity, and substrate porosity.
3. Lay in tile according to manufacturer's recommendations. Adhesive will remain tacky up to 24 hours in a clean, dust-free environment.
4. Complete job by rolling and cross rolling with a 75-100 lb. (34.02-45.36 kg) linoleum roller.

### PHYSICAL PROPERTIES

Base: Synthetic latex  
Appearance: Light cream paste – dries transparent  
Open Time: Long residual tack time up to 48 hours.  
Shelf life: One year in unopened container at 70°F (21.10°C).  
Other features: Freeze/thaw stable to 10° F (-12.22°C). Made with anti-microbial agents that will provide its dry film with protection from fungal growth. This protection is determined using the ASTM G21 test method.  
Flammability: Non-flammable, qualified for NFPA Class A and UBC Class 1 fire ratings as determined by the ASTM E84 Tunnel Test. Conforms to the requirements of the Hill-Burton Act.  
Clean Up: Use soap and water while adhesive is still wet. If dried use Taylor Touchdown #9 Adhesive Remover/Stripper.  
**Note:** Restrict heavy traffic on floor for 48 hours after installation. Do not wet wash, strip or apply polish to floor for 5 days after installation.

**CAUTION:** DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

### WARRANTY INFORMATION

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Hahn, Samuel LTJG [samuel.hahn@cvn68.navy.mil]  
**Sent:** Tuesday, January 29, 2013 10:18 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Hood, Lisa LS2; Jeffcoat, Malcolm A. LS1; Kollar, Jesse LSCS; Key, Michael D. LT; Dunbar, John CWO2  
**Subject:** SFR 2033 Clear Thin Spread Adhesive  
**Attachments:** VCT Thin Spread Adhesive MSDS.pdf; SFR 2033 CLEAR THIN SPREAD ADHESIVE.docx  
**Signed By:** samuel.hahn@cvn68.navy.mil

Mr. Celona,

Attached is an SFR for 2033 Clear Thin Spread Adhesive for your records. I've also attached the product's MSDS. Please let me know if there's anything else needed.

V/r,

LTJG Hahn

**RECEIVED**  
JAN 30 2013  
BY: SFR 4743

Sam Hahn

LTJG, SC, USN

Hazardous Materials Officer

USS NIMITZ (CVN 68)

J-6899

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, January 30, 2013 2:05 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'USS NIMITZ'; 'Hahn, Samuel LTJG'; Hood, Lisa LS2; Jeffcoat, Malcolm A. LS1; Kollar, Jesse LSCS; Key, Michael D. LT; Dunbar, John CWO2; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS NIMITZ: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4743

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80  
**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4743) 2033 CLEAR THIN SPREAD TILE ADHESIVE, (Part# TAYLOR 2033), NSN: NONE  
(d) POC for the USS Nimitz (CVN-68): LTJG Hahn  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/011  
30 January 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4743)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4743) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
for Jeff Whitman  
By Direction



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, July 11, 2013 4:12 PM  
**To:** 'Ryan.Kasky@me.navy.mil'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** NSN ASSIGNMENT REQUEST REJECTED FOR SFR 4744 (FINAL ANSWER) FROM PROVISIONING/CATALOGING

**Importance:** High

LT Ryan Kasky,

Per the cataloging/provisioning department; your request for NSN assignment has been rejected for the following reasons:

Mike,

Even after talking to you on the phone, after further review, I recommend rejecting this request based on the following: First the SFR request paper work does not have the correct part number, and next but more important the company that makes this (Royal Purple) has an obsolete CAGE Code, I am unable to request a new NSN with an obsolete CAGE. I cannot find a valid CAGE for this company either.

V/R,  
John Eisenbarger  
LMS  
NAVSESSES C- 945  
Tel: (215) 897-7434

Therefore, if this product is still required by your division, please resubmit a new SFR with the correct technical data as specified above (with MSDS, Technical Data Sheet, etc) which will include a valid manufacturers cage code and a valid part number. It is impossible to get an NSN assigned to any item for DOD without those two things. You may advise the manufacturer of the following process for obtaining a valid cage code for his company:

Here is the process that must be utilized by the manufacturer:

Go to the WEB and type in the following:

1. [www.dlis.dla.mil/dla/default.asp](http://www.dlis.dla.mil/dla/default.asp)
2. Click on "Supplier"

If you run into any problems, the customer service number is 1-877-352-2255. Last of all, if you choose to resubmit your SFR, in the subject line of your next SFR submission please annotate "re-work SFR from former SFR #4744". Thank you.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077  
Sent: Tuesday, February 19, 2013 11:35  
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
Cc: 'Ryan.Kasky@me.navy.mil'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
Subject: NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSSES), Code 9450

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF NSN ASSIGNMENT (REQUEST) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: John Eisenbarger

Ref: (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4744) ROYAL PURPLE LUBRICANT, (LUBRICATING OIL, GEAR),

- (Part# MAX GEAR 75W-90), 55 Gallon Drum
- (d) (All Hulls except LCS, MSC & Submarines) Point Of Contact (POC): LT Ryan Kasky
  - (e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694
  - (f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities ref (b) and (e).

2. Concerning ref (c) SFR# 4617 per ref (e):

Ref (c) SFR has been approved for NSN assignment. Request ref (f) provide NSN assignment for ref (c) MAX GEAR 75W-90 in the 55 Gallon Drum.

3. To reference (d) POC: Reference (b) has forwarded your SFR to reference (f) for NSN assignment. When the NSN is assigned, all POC's will be advised of this action. The new NSN will then be added to the Master SHML and the FFG T-SHML with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9PCM DURING TIMES OF HIGH DEMAND).

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Sent:** Wednesday, July 03, 2013 11:21 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744  
**Signed By:** john.eisenbarger@navy.mil

Mike,

Even after talking to you on the phone, after further review, I recommend rejecting this request based on the following, first the SFR request paper work does not have the correct part number, and next but more important the company that makes this (Royal Purple) has an obsolete CAGE Code, I am unable to request a new NSN with an obsolete CAGE. I cannot find a valid CAGE for this company either.

SFR REJECTED

CATALOGING/PROVISIONING  
DEPT.

V/R,  
John Eisenbarger  
LMS  
NAVSSSES C- 945

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 3:18 PM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

John,

I just spoke to the manufacturer. He is forwarding me a copy of the label and a quote of \$2,795.65 per drum if the fleet orders more than five - 55 gallon drums. Disregard the quote I gave you with this NSN assignment request.

Also, the Navy part number the manufacturer quoted for me for this particular item is 55300.

Thanks.  
Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, July 11, 2013 4:26 PM  
**To:** 'Ryan.Kasky@me.navy.mil'  
**Cc:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR 4744 NSN ASSIGNMENT PAPERWORK FOR YOUR FILES  
**Attachments:** SFR 4744 TECH DATA FOR YOUR FILES.pdf

LT. Kasky,

You may keep this for your reference/review if you wish. Good luck in getting the correct technical data I need for getting an NSN assigned. Any questions, please ask.

Respectfully,  
Mike

NWSS  
717-605-8319  
DSN 430-8319

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Ryan.Kasky@me.navy.mil  
**Sent:** Friday, February 01, 2013 2:45 AM  
**To:** wraps.prime.fct; Stanko, Scott CIV NAVSUP WSS, M077; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** Royal Purple Requirement in Jebel Ali  
**Attachments:** RE: Konrad Drive Lubricating Oil - Bahrain; SFR.pdf

Good morning,

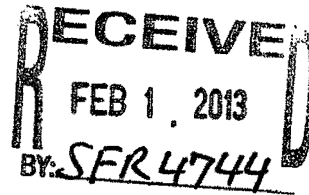
I would like to submit the attached SFR to establish an NSN for Royal Purple Lubricant in 55 gallon drums as our consumption exceeds practical use of 1 quart issues.

Please let me know if you have any questions.

Thank you & VR,

V/r,  
LT Ryan Kasky  
Supply Officer  
CTG 56.7

Cell: 011 971 52 906 8486



**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 11:35 AM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** 'Ryan.Kasky@me.navy.mil'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salt.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 9450

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (REQUEST) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** John Eisenbarger

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4744) ROYAL PURPLE LUBRICANT, (LUBRICATING OIL, GEAR), (Part# MAX GEAR 75W-90), 55 Gallon Drum  
(d) (All Hulls except LCS, MSC & Submarines) Point Of Contact (POC): LT Ryan Kasky  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

*DO NOT USE MIN 015348623*  
*NSN currently in system is for 1 Quat Container.*

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities ref (b) and (e).

2. Concerning ref (c) SFR# 4617 per ref (e):

Ref (c) SFR has been approved for NSN assignment. Request ref (f) provide NSN assignment for ref (c) MAX GEAR 75W-90 in the 55 Gallon Drum.

3. To reference (d) POC: Reference (b) has forwarded your SFR to reference (f) for NSN assignment. When the NSN is assigned, all POC's will be advised of this action. The new NSN will then be added to the Master SHML and the FFG T-SHML with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9PCM DURING TIMES OF HIGH DEMAND).

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



**Celona, Michael J CIV NAVSUP WSS, M077**

---

From: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Sent: Friday, February 15, 2013 3:28 PM  
To: Celona, Michael J CIV NAVSUP WSS, M077  
Cc: Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
Subject: SFR #4744  
Signed By: MARIANNE.CURRAN@NAVY.MIL

Mike,

SFR #4744: The SFR requested material (NSN: none; Royal Purple Max-Gear Oil, 75W90, 55 gallons) is required per MRC 9PCM and the increased demand for the material justifies issuance in a larger UI. Therefore, it is recommended that the requested material be submitted for NSN assignment. Upon NSN assignment, the material should be given an AOB code of R Restricted on the Master SHML and an MMI code of Y. The material is restricted to MRC (9PCM) during times of high demand. Furthermore, the material should be listed with an AOB code of X on all Maritime Expeditionary Squadron Hull's T-SHMLs except for LCS, submarines, and MSC hulls. Code 635 cannot give authorization guidance for subs and MSC hulls,

Respectfully, **(R) - CORRECT**  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

**Celona, Michael J CIV NAVSUP WSS, M077**

---

From: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Sent: Friday, February 15, 2013 4:43 PM  
To: Celona, Michael J CIV NAVSUP WSS, M077  
Cc: Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
Subject: RE: SFR #4744  
Signed By: MARIANNE.CURRAN@NAVY.MIL

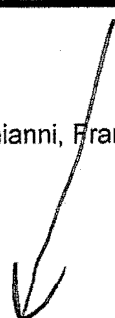
Mike,

There is a typo in the response. It should state:

"Furthermore, the material should be listed with an AOB code of **(R)** on all Maritime Expeditionary Squadron Hull's T-SHMLs..."  
**Not AOB code of A.**

Respectfully,  
Marianne

USE = **(R)**



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 26, 2013 1:16 PM  
**To:** 'Ryan.Kasky@me.navy.mil'; Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)';  
'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Bottinelli, Jehdia CIV NAVSUP GLS;  
Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS,  
M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0;  
Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD  
Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Stoudt, Frank CIV  
NAVSUP WSS, M077  
**Subject:** RE: NSN ASSIGNMENT (ANSWER): ALL HULLS EXCEPT LCS, MSC & SUBMARINES:  
SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

LT. Ryan Kasky and all Points of Contact,

I am rescinding this email for the following reason:

I answered this email assuming that NSN 9150-01-534-8623 was the NSN assigned for this SFR request. After further research I discovered that this NSN is for the 1 Quart container which is already listed in the SHML. But, your request is for a 55 gallon drum.

Therefore, I am cancelling this email response and re-opening this SFR# 4744 request for an NSN to be assigned to a 55 gallon drum of the same product. When the T-NICN/NSN is assigned for the "55 gallon drum" all (POC's) will be notified. I apologize if I caused any confusion.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 26, 2013 12:52  
**To:** 'Ryan.Kasky@me.navy.mil'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT';  
'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS;  
Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077;  
Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV  
NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD Philadelphia, 6350; Eisenbarger, John  
CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Stoudt, Frank  
CIV NAVSUP WSS, M077  
**Subject:** NSN ASSIGNMENT (ANSWER): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS  
MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanders of All Hulls except LCS, MSC & Submarines

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet  
(COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),  
Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

Subj: FORWARDING OF NSN ASSIGNMENT (ANSWER) FOR SHIPBOARD HAZARDOUS MATERIALS  
LIST (SHML) FEEDBACK REPORT (SFR)

Attn: LT Ryan Kasky

Ref: (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4744) ROYAL PURPLE LUBRICANT, (LUBRICATING OIL, GEAR),  
(Part# MAX GEAR 75W-90), 55 Gallon Drum  
(d) (All Hulls except LCS, MSC & Submarines) Point Of Contact  
(POC): LT Ryan Kasky  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-  
7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215)  
897-7434

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities ref (b) and (e).

2. Per ref (f) NSN: 9150-01-534-8623 has been assigned to ref (c) MAX GEAR 75W-90 in the 55 Gallon Drum. NSN: 9150-01-534-8623 has been added to the Master SHML and all T-SHML's except the (LCS/SB/MS) T-SHML's with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9PCM DURING TIMES OF HIGH DEMAND).

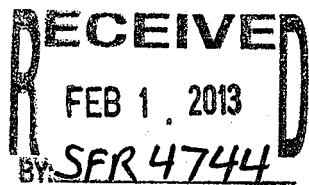
3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 2/1/2013 FPO#: ALL - UIC#: ALL TYCOM: <del>SURFLANT</del> (ALL)			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4744  ATTACHED FROM (SHIP): MARITIME EXPEDITIONARY SQUADRON-ALL HULL'S  PRODUCT NAME: ROYAL PURPLE LUBRICANT (LUBRICATING OIL, GEAR)  DATE ON SFR: 1/31/2013
NAVICP-M	2/1/2013	MC	NSN/NIIN: <del>9150-01-534-8623</del> CAGE: 0V9M4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 01300 GRADE 75W-90
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P=Prohibited; R=Restricted; O=Obsolete; N=Not Determined) A
			MSDS NUMBER: (NIH=Not In HMIRS) CTNHM
			MIP: 5833/317
			MRC: A-10R (9PCM)
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: 83A040001
			TECHNICAL MANUAL: KONRAD 520 & 540 STERN DRIVE MAINTENANCE MANUAL
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: SV6/B 1 QUART CONTAINER. 55 GALLON DRUM NEEDED \$ 2,795.65 POC SCOTT MOMPETZ X359

P/N FOR  
55300

MCROSBY@ROYALPURPLE.COM

Current Date: 2/1/2013



SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(A) FOR

ALL HULLS  
EXCEPT USNS,  
LCS & SUBS,

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

NIT

SHIP NAME: Maritime Expeditionary HULL NUMBER: N/A TYCOM: NECC  
Squadron 12/ CTG 56.7 *ALL HULLS INCLUDING USNS & SUBMARINES*

UIC: V50046

Serial Number: N/A

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
Royal Purple is lubricating oil used by the 200 series 34' Patrol Boats used by the Coastal Riverine/Maritime Expeditionary Force. There is no other applicable substitute for Royal Purple and currently the only way to purchase it through the stock system is through Qt cans. Due to the tremendous amount of hours the boats are used overseas while deployed, and the situational requirement of changing the oil every 400 hrs, it would be more efficient, cost effective and easier to store 55 gal drums instead 1 quart cans. Request NSN be made available to order Royal Purple Lubricant 75W-90 in 55 gallon drums.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 9150-01-534-8623

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 5833/317

MAINTENANCE REQUIREMENT CARD (MRC #: A-10R (9PCM)

APL OR AEL: 83A040001

TECH MANUAL: KONRAD 520 & 540 STERN DRIVE REV.  
MAINTENANCE MANUAL

ESTIMATED YEARLY REQUIREMENT: 12

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

93 NSN: ~~9150-01-534-8623~~ This is NSN for quart unit of issue.

*Cage 0V9M4*

MANUFACTURER: ROYAL PURPLE SYNTHETIC  
LUBRICANTS  
INC

PHONE: 281 - 354 - 8600

ITEM OR TRADE NAME: Royal Purple Lubricant (*LUBRICATING OIL, GEAR*)

PART NUMBER OR SPECIFICATION: *GRADE* 75W-90; *01300*

UNIT OF ISSUE: QT

UNIT OF MEASURE: QT

*1 QT CO*

*CTNHM  
S1 V6/B*

**IV. ENDORSEMENTS**

REQUESTORS NAME: Michael Mailloux

*55 GL DR NEEDED*

RANK: BM2 (E-5)

EMAIL: Michael.mailloux@me.navy.mil

*P/N MAX GEAR 75W-90*

DATE PREPARED: 1/31/2013

COMMANDER OR DESIGNEE NAME: RYAN KASKY

RANK: LT

EMAIL: ryan.kasky@me.navy.mil

DATE: 1/31/2013

SIGNATURE: *[Signature]*

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 3:18 PM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

John,

I just spoke to the manufacturer. He is forwarding me a copy of the label and a quote of \$2,795.65 per drum if the fleet orders more than five - 55 gallon drums. Disregard the quote I gave you with this NSN assignment request.

Also, the Navy part number the manufacturer quoted for me for this particular item is 55300.

Thanks.  
Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 11:35  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** 'Ryan.Kasky@me.navy.mil'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (REQUEST): ALL HULLS EXCEPT LCS, MSC & SUBMARINES: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSSES), Code 9450

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 3:14 PM  
**To:** 'mcrosby@royalpurple.com'  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** LABEL FOR MAXGEAR 75W-90 (for SFR #4744)

Mr. Crosby,

Please forward to me a copy of the label for the 55 gallon drum via email for MAX GEAR 75W-90, and please mention the part number 55300 for this particular 55 gallon drum order.

Also please include the quote you mentioned to me over the phone of \$2,795.65 per drum if the fleet orders over five - 55 gallon drums.

Thank you .  
Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT


700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/019  
19 February 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772  
To: Naval Surface Warfare Center, Carderock Division-Ships Systems  
Engineering Station (NSWCCD-SSSES), Code 9450  
Subj: REQUEST FOR NATIONAL STOCK NUMBER (NSN) ASSIGNMENT  
Attn: John Eisenbarger  
Encl: (1) REQUEST NSN ASSIGNMENT FOR SHML FEEDBACK REPORT (SFR)  
CONCERNING (SFR# 4744)

1. Enclosure (1) contains a packet of one (1) SFR with an NSN  
Assignment request for the following SFR item:  
  
(SFR #4744) ROYAL PURPLE LUBRICANT (LUBRICATING OIL, GEAR),  
(Part# MAX GEAR 75W-90), 55 Gallon Drum
2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code M0772.22, DSN 430-8319  
or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction



## MAX GEAR<sup>®</sup>

Max Gear is recommended for use in truck and automotive front or rear differentials, manual transmissions and lower gear units of marine engines that specify use of an API GL-5 or GL-4 fluid.

Max Gear is an ultra tough, high performance automotive gear oil designed to provide maximum protection to heavily loaded gears while maximizing power throughout the drive train. Max Gear outperforms ordinary gear oils by combining the highest quality synthetic oils with Royal Purple's proprietary Synerlec additive technology. Max Gear makes gears run smoother, quieter, cooler and longer without overhauls. Max Gear is formulated with a traction modifier additive — no additional additives are necessary.

## PERFORMANCE ADVANTAGES

- Maximizes horsepower
- Extends gear and bearing life
- Reduces operating temperature
- Severe service performance
- Lower coefficient of friction
- Superior corrosion protection
- Separates rapidly from water
- Meets warranty requirements
- Environmentally responsible
- Formulated for limited-slip differential use



## TYPICAL PROPERTIES\*

	SAE GRADE				
	75W-90	75W-140	80W-90	85W-140	90
Viscosity					
cSt @ 40°C	119.0	195	150.0	284	191.0
cSt @ 100°C	17.5	28.8	16.7	26.8	18.5
CP @ -12°C	—	—	—	36,200	—
CP @ -26°C	—	—	10,110	—	—
CP @ -40°C	124,000	138,000	—	—	—
Flash °F	380	375	395	375	390
Fire °F	425	420	495	435	475
Pour Point °F	-65	-69	-33	-17	-33
Corrosion Test					
Copper	Pass	Pass	Pass	Pass	Pass
Bronze	Pass	Pass	Pass	Pass	Pass
Rust Test					
Fresh Water	Pass	Pass	Pass	Pass	Pass
Salt Water	Pass	Pass	Pass	Pass	Pass
Foam Test	Pass	Pass	Pass	Pass	Pass
Timken OK Load, Lbs.	Pass	Pass	Pass	Pass	Pass
Four Ball EP Test	100+	100+	100+	100+	100+
Weld Load, kgf	400	400	400	400	400

\*Properties are typical and may vary.

## PART NUMBERS

75W-90

15-Gal. Keg	16300
5-Gal. Pail	05300
12-Qt. Case	12300
1-Qt. Bottle*	01300

75W-140

15-Gal. Keg	16301
5-Gal. Pail	05301
12-Qt. Case	12301
1-Qt. Bottle*	01301

80W-90

5-Gal. Pail	05302
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85W-140

15-Gal. Keg	16303
5-Gal. Pail	05303
12-Qt. Case	12303
1-Qt. Bottle*	01303

SAE 90

5-Gal. Pail	05304
-------------	-------

AVAILABLE IN  
55 GL DRUM ALSO,  
**SPECIAL  
REQUEST.**

\*AVAILABLE IN CASES ONLY

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** DCanitz@royalpurple.com  
**Sent:** Wednesday, January 30, 2013 1:27 PM  
**To:** antolin.canonigo@me.navy.mil  
**Cc:** MCrosby@royalpurple.com  
**Subject:** RE: Konrad Drive Lubricating Oil - Bahrain

Hi Antolin,

Royal Purple does indeed offer the MaxGear 75W90 in larger containers.

5 gallon pails

55 gallon drums

320 gallon totes and we could even ship in an ISO Shipping Container

I do not believe any of these larger containers have a National Stock Number though....like the quart packaging

Nor a Navy Stock Number's that I am aware of as we make a very high end, high performance oils that are typically greater in performance than a typical 'Mil Spec oils.

Three options for getting our MaxGear 75W90 in Bahrain,.

Through our corporate offices.

Through our industrial distributor in the UAE with stock in the Free trade Zone

through our stateside distributor who sells to the Border Patrol and would have a government stock number.

What works best for your situation?

David

For reference, here is the info I found for this stock number

National Stock Number:  
9150-01-534-8623

Federal Supply Class:  
9150

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, February 01, 2013 9:32 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'Ryan.Kasky@me.navy.mil'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** MARITIME EXPEDITIONARY SQUADRON-ALL HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4744

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4744) ROYAL PURPLE LUBRICANT, (Part# 01300, GRADE 75W-90), NSN: 9150-01-534-8623  
(d) POC for the Maritime Expeditionary Squadron (All Hull's): LT Ryan Kasky  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the

results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319

DSN & EXT 430-8319

FAX # 717-605-3480

IN REPLY REFER TO:

4030

Ser 0772/012

1 February 2013

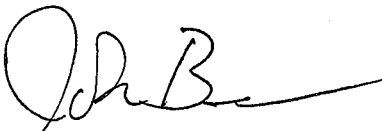
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSS),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4744)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4744) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
FER Jeff Whitman  
By Direction



# Royal Purple, Inc.

## Material Safety Data Sheet

I.	<p>Product Name: <b>Max-Gear®</b></p> <p>Chemical Family: Synthetic based lubricating oil</p> <p>Use: Lubricant and corrosion inhibitor</p> <p>Manufacturer: Royal Purple, Inc.</p> <p>Address: 1 Royal Purple Lane, Porter, Texas 77365 USA</p> <p>Phone: 281-354-8600 Emergency Phone: 281-354-8600 Fax: 281-354-7600</p> <p>24 Hour Emergency Numbers USA: 800-424-9300 International: 703-527-3887 (collect calls accepted)</p>		Date Issued/Revised: April 22, 2011
II.	<p>Components:</p> <ul style="list-style-type: none"><li>• Base Oil (synthetic) — Synthetic additives with iso-paraffinic diluents.</li><li>• The precise composition of this oil is proprietary. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.</li><li>• All components of this product are listed on the U.S. TSCA inventory.</li><li>• This product contains no hazardous substances within the definition of OSHA Regulation 29 CFR 1910.1200.</li><li>• Royal Purple certifies that this product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.</li></ul>		
III.	<p>Main Hazards / Health Effects:</p> <p>Eyes: May cause irritation.</p> <p>Inhalation: Oil mist may line breathing passages with oil making breathing difficult.</p> <p>Ingestion: May cause diarrhea.</p> <p>Skin: May irritate the skin after prolonged periods of contact.</p>		
IV.	<p>First Aid:</p> <p>Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.</p> <p>Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.</p> <p>Ingestion: Wash out mouth immediately. Do not induce vomiting. Consult physician.</p> <p>Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.</p>		
V.	<p>Extinguishing Media:</p> <p>Suitable: Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist.</p> <p>Unsuitable: Water jet.</p> <p>Protective Equipment for Fire Fighting: Self-contained breathing apparatus.</p>		
VI.	<p>Accidental Release Measures:</p> <p>Personal Precautions: Wear gloves and protective overalls.</p> <p>Environmental Precautions: Do not allow it to enter drains.</p> <p>Spillage: Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.</p>		
VII.	<p>Handling and Storage:</p> <p>Handling: No special handling precautions necessary.</p> <p>Storage: Do not store at elevated temperatures.</p>		
VIII.	<p>Exposure Control / Personal Protection:</p> <p>Respiratory Protection: Hydrocarbon absorbing respirator if misting.</p> <p>Hand Protection: Oil-proof gloves for hypersensitive persons.</p> <p>Eye Protection: Glasses, if applied to parts in motion.</p> <p>Body Protection: Overalls.</p>		
IX.	Physical and Chemical Properties:	Evaporation Rate (Butyl Acetate = 1): Negligible	
	Physical State: Liquid	Vapor Pressure (kPa): <0.1	
	Color: Purple	Percent Volatiles: None	
	Odor: Lube Oil	Density (g/cm³): >0.89	
	pH: Neutral	Flammability: Not flammable at ambient temp.	
	Boiling Range / Point °F (°C): 650-800 (343-427)	OAR Value: UN	
	Pour Point °F (°C): <-15 (<-26)	Oxidizing Properties: None	
	Flash Point (COC) °F (°C): >345 (>174)	Water Solubility: Insoluble	
	Autoignition Temperature °F (°C): >600 (>315)	Vapor Density: Greater than air	

Product Name: Max-Gear®

- X. Stability and Reactivity:  
Stability: Chemically stable under normal conditions. No photoreactive agents.  
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.  
Materials to Avoid: Strong inorganic and organic acids, oxidizing agents.  
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.
- XI. Toxicological Information:  
Acute Toxicity: Not known  
Irritancy-Skin: Very mild  
Skin Sensitization: Not known  
Subacute / Sub-chronic Toxicity: Not known  
Genotoxicity: None known  
Chronic Toxicity: None known  
California Prop 65: N/A  
Carcinogen: NTP: No  
IARC: No  
OSHA: No  
EC Classification (67 / 548 / EEC): No  
LD-50: >2000mg/kg - extrapolated from component data  
LC-50: Not applicable
- XII. Ecological Information:  
Possible Effects: When released into the environment, adsorption to sediment and soil will be the predominant behavior.  
Behavior: Relatively well behaved. Bioaccumulation potential nil.  
Environmental Fate: Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.
- XIII. Waste and Container Disposal:  
Waste Disposal: Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.  
Container Disposal: See waste disposal section listed above.
- XIV. Transport Information:  
DOT: Nonhazardous  
UN No.: N/A  
DOT: Nonhazardous  
Air Transport (ICAO, IATA): Bulk Nonhazardous  
Sea Transport (IMO, IMDG): Bulk Nonhazardous  
Road and Rail Transport (ADR / RID): Bulk Nonhazardous
- XV. Regulatory Information:  
Labeling Information: None needed  
EC Annex 1 Class.: N/A  
R Phrases: N/A  
SARA 311 / 312: None  
S Phrases: S-3 keep cool, S-16 keep away from ignition sources  
Ozone Depleting Chemicals: N/A  
CERCLA: Nonhazardous  
TSCA: All components are listed  
WHMIS (Canada): Not regulated  
Canadian DSL: All components are listed  
40 CFR Part 372 (SARA Section 313): N/A  
RCRA Hazard Class: Nonhazardous  
TSCA 12B Components: None
- XVI. Other Information:

Signature: \_\_\_\_\_

Prepared By: W. J. Carter, Ph.D.

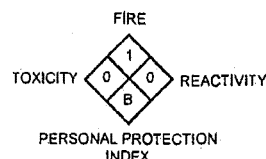
Date Issued/Revised: April 22, 2011

As of issue date, the information contained herein is accurate and reliable to the best of Royal Purple's knowledge. Royal Purple does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

#### LEGEND

- I. Identification of the Substance / Preparation and Company
- II. Composition Information on Ingredients
- III. Hazards Identification
- IV. First Aid Measures
- V. Fire Fighting Measures
- VI. Accidental Release Measures
- VII. Handling and Storage
- VIII. Exposure Control / Personal Protection
- IX. Physical and Chemical Properties
- X. Stability and Reactivity
- XI. Toxicological Information
- XII. Ecological Information
- XIII. Waste Disposal
- XIV. Transport Information
- XV. Regulatory Information
- XVI. Other Information

#### NFPA SYMBOL



#### HMIS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	B

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 1:03 PM  
**To:** 'USS CHANCELLORSVILLE (cne@saltsmail.salts.navy.mil)'; 'Montez, Anthony LS3'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)';  
'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077;  
Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS;  
Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4;  
Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2;  
Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS CHANCELLORSVILLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR) #4745 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
**To:** Commander, USS Chancellorsville (CG-62)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet  
(COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),  
Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT (SFR)

**Attn:** LS3 (SW) Montez

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4745) DESICCANT, ACTIVATED, (Part# MIL-D-3716, POWDER),  
NSN: 6850-00-663-9415  
(d) POC for the USS Chancellorsville (CG-62): LS3 (SW) Montez  
(e) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-  
7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Concerning ref (c) SFR# 4745 per ref (e):

Mike,

SFR #4745: The SFR requested material (NSN: 6850-00-663-9415; Desiccant, Activate) should remain with an Allowed On Board (AOB) code of P on the CG T-SHML. The referenced MRC (FKFM) does require activated desiccant; however, it lists SPMIG [01831] which links to two other



NSN'S: 6850-00-935-5810 and 6850-00-680-2233 that are already authorized with an AOB code of A on the CG T-SHML. The requested NSN does not link to SPMIG [01831] and is listed on the SHML with the remark "Submarine use or AN/PDR-73 Radical Set". Therefore, it is recommended that one of the authorized NSN'S associated with SPMIG [01831] be selected.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 6850-00-663-9415 IS NOT APPROVED for use. In lieu of NSN: 6850-00-663-9415, use NSN's: 6850-00-935-5810 and 6850-00-680-2233 which are already listed in the Master SHML and the CG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 15, 2013 2:58 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4745  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Chancellorsville (CG-62)

SFR #4745: The SFR requested material (NSN: 6850-00-663-9415; Desiccant, Activate) should remain with an AOB code of P on the CG T-SHML. The referenced MRC (FKFM) does require activated desiccant; however, it lists SPMIG [01831] which links to two other NSNs: 6850-00-935-5810 and 6850-00-680-2233 that are already authorized with an AOB code of A on the CG T-SHML. The requested NSN does not link to SPMIG [01831] and is listed on the SHML with the remark "Submarine use or AN/PDR-73 Radical Set". Therefore, it is recommended that one of the authorized NSNs associated with SPMIG [01831] be selected.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

USE A

9B

T/T6/Z

ALL T-SHMLS  
EXCEPT MS+LC.

Reg. P (CG-T-SHML)

9B

USE A

all T-SHMLS  
except MS+LC.

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/5/2013 FPO#: AP96662 - 1182 UIC#: 21451 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4745  ATTACHED FROM (SHIP): USS CHANCELLORSVILLE (CG-62)  PRODUCT NAME: DESICCANT, ACTIVATED  DATE ON SFR: 1/22/2013
NAVICP-M	2/6/2013	MC	NSN/NIIN: 6850-00-663-9415 CAGE: 81349
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MIL-D-3716 (POWDER)
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P <i>(A = MASTER)</i>
			MSDS NUMBER: (NIH=Not In HMIRS) CZGZG
			MIP: 4560/502
			MRC: W-3
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: ME019002
			TECHNICAL MANUAL: SW279-CL-AEG-040/ACP
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 1703 & 3238			NOTES: 5/T6/A 5 POUND CAN.

AP96662-1182

Current Date: 2/6/2013

RECEIVED  
FEB 5, 2013SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

MASTER A

CG-T-SHML-P

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

BY: SFR\*4745

SHIP NAME: USS CHANCELLORSVILLE

HULL NUMBER: CG-62

TYCOM: COMNAVSURFFOR

SURFPAC

UIC: 21451

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

## I. JUSTIFICATION

(To include equipment/application this material is to be used on):

DESSICANT IS USED AS A HUMIDITY INDICATOR IN DRY AIR CONTROL PANELS SERVING FCS AND SPY-10  
EQUIPMENT.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

## II. TECHNICAL DATA

See SFR# 1703+3238

MAINTENANCE INDEX PAGE (MIP) #: 4560/502

MAINTENANCE REQUIREMENT CARD (MRC #: W-3

APL OR AEL: ME019002

TECH MANUAL: SW279-CL-AEG-040/ACP

REV.

ESTIMATED YEARLY REQUIREMENT: 1 LB

## III. MANUFACTURER DATA

(If requested NSN is provided proceed to section IV)

7B NSN: 6850-00-663-9415

Cage 81349

MANUFACTURER: MULTISORB TECHNOLOGIES INC.

PHONE: 716-824-8900

ITEM OR TRADE NAME: DESICCANT, ACTIVATED

PART NUMBER OR SPECIFICATION: MIL-D-3716 (powder)

CZGZG  
5/TG/A

UNIT OF ISSUE: CN

UNIT OF MEASURE: 5 LBS

## IV. ENDORSEMENTS

PH-4.0-9.0

Cage 1L2Z7 W. R. GRACE & CO.  
410-531-4261

REQUESTORS NAME: HICKS, MEAGAN

RANK: FC3

EMAIL: hicksm@cg62.navy.mil

DATE PREPARED: 22 JAN 2013

COMMANDER OR DESIGNEE NAME: HESSER, WILLIAM

RANK: CAPT

EMAIL: hesserw@cg62.navy.mil

DATE: 29 JAN 2013

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous materialElectronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

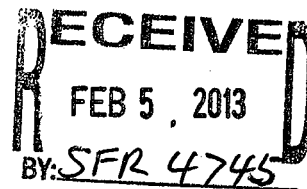
Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Montez, Anthony LS3 [monteza@cg62.navy.mil]  
**Sent:** Tuesday, February 05, 2013 5:26 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR REQUEST  
**Attachments:** SFR Dessicant.pdf; SHML SFR.doc



Mr. Celona,

I have attached the typed version of the SFR for the corrections and the PDF version to show the CO's signature.

Very Respectfully,

LS3 (SW) Montez  
Hazmat Supervisor, Divisional Career Counselor, and Divisional Safety PO USS Chancellorsville  
Supply Dept/S-1 Division

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077 [<mailto:mike.celona@navy.mil>]  
**Sent:** Tuesday, February 05, 2013 11:13 AM  
**To:** Montez, Anthony LS3  
**Subject:** RE:  
**Importance:** High

Please resubmit this SFR electronically as I requested a few minutes ago. Hand writing is difficult to read via email. Please submit the TYPED information electronically.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

**From:** Montez, Anthony LS3 [<mailto:monteza@cg62.navy.mil>]  
**Sent:** Tuesday, February 05, 2013 13:56  
**To:** wraps.prime.fct  
**Subject:**

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 06, 2013 10:27 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS CHANANCELOSVILLE (cne@saltsmail.salts.navy.mil); 'Montez, Anthony LS3'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS CHANCELLORSVILLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4745

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4745) DESICCANT, ACTIVATED, (Part# MIL-D-3716, POWDER), NSN: 6850-00-663-9415  
(d) POC for the USS Chancellorsville (CG-62): LS3 (SW) Montez  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY  
NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

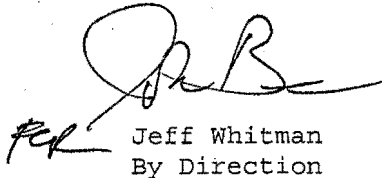
COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/013  
13 February 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4745)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4745) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 1:03 PM  
**To:** 'USS CHANCELLORSVILLE (cne@saltmail.salts.navy.mil)'; 'Montez, Anthony LS3'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)';  
'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077;  
Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS;  
Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4;  
Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2;  
Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS CHANCELLORSVILLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR) #4745 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
**To:** Commander, USS Chancellorsville (CG-62)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet  
(COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),  
Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT (SFR)

**Attn:** LS3 (SW) Montez

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4745) DESICCANT, ACTIVATED, (Part# MIL-D-3716, POWDER),  
NSN: 6850-00-663-9415  
(d) POC for the USS Chancellorsville (CG-62): LS3 (SW) Montez  
(e) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-  
7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Concerning ref (c) SFR# 4745 per ref (e):

Mike,

SFR #4745: The SFR requested material (NSN: 6850-00-663-9415; Desiccant, Activate) should remain with an Allowed On Board (AOB) code of P on the CG T-SHML. The referenced MRC (FKFM) does require activated desiccant; however, it lists SPMIG [01831] which links to two other

NSN'S: 6850-00-935-5810 and 6850-00-680-2233 that are already authorized with an AOB code of A on the CG T-SHML. The requested NSN does not link to SPMIG [01831] and is listed on the SHML with the remark "Submarine use or AN/PDR-73 Radical Set". Therefore, it is recommended that one of the authorized NSN'S associated with SPMIG [01831] be selected.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 6850-00-663-9415 IS NOT APPROVED for use. In lieu of NSN: 6850-00-663-9415, use NSN's: 6850-00-935-5810 and 6850-00-680-2233 which are already listed in the Master SHML and the CG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 15, 2013 2:58 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4745  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Chancellorsville (CG-62)

SFR #4745: The SFR requested material (NSN: 6850-00-663-9415; Desiccant, Activate) should remain with an AOB code of P on the CG T-SHML. The referenced MRC (FKFM) does require activated desiccant; however, it lists SPMIG [01831] which links to two other NSNs: 6850-00-935-5810 and 6850-00-680-2233 that are already authorized with an AOB code of A on the CG T-SHML. The requested NSN does not link to SPMIG [01831] and is listed on the SHML with the remark "Submarine use or AN/PDR-73 Radical Set". Therefore, it is recommended that one of the authorized NSNs associated with SPMIG [01831] be selected.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

USE A

9B

T/16/2

ALL T-SHMLs  
EXCEPT MS+LC.

Rej. P (CG-T-SHML)

9B

USE A

all T-SHMLs  
except MS+LC.

## ORIGINATOR:

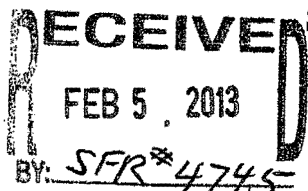
NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/5/2013 FPO#: AP96662 - 1182 UIC#: 21451 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4745  <b>ATTACHED FROM (SHIP):</b> USS CHANCELLORSVILLE (CG-62)  <b>PRODUCT NAME:</b> DESICCANT, ACTIVATED  <b>DATE ON SFR:</b> 1/22/2013
NAVICP-M	2/6/2013	MC	<b>NSN/NIIN:</b> 6850-00-663-9415 <b>CAGE:</b> 81349 <b>PART NUMBER/DRAWING/SPECIFICATION:</b> MIL-D-3716 (POWDER)
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P <i>(A = MASTER)</i>
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) CZGZG
			<b>MIP:</b> 4560/502  <b>MRC:</b> W-3
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> ME019002
			<b>TECHNICAL MANUAL:</b> SW279-CL-AEG-040/ACP
			<b>AIRCRAFT APPLICATIONS:</b> NO
RELATED SFR's: 1703 & 3238			<b>NOTES:</b> 5/T6/A 5 POUND CAN.

AP96662-1182

Current Date: 2/6/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML) MASTER A  
FEEDBACK REPORT (SFR)

CG-T-SHML-P

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS CHANCELLORSVILLE

HULL NUMBER: CG-62

TYCOM: COMNAVSURFFOR

UIC: 21451

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
DESSICANT IS USED AS A HUMIDITY INDICATOR IN DRY AIR CONTROL PANELS SERVING FCS AND SPY-10  
EQUIPMENT.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

See SFR# 1703+3238

MAINTENANCE INDEX PAGE (MIP) #: 4560/502

MAINTENANCE REQUIREMENT CARD (MRC #: W-3

APL OR AEL: ME019002

TECH MANUAL: SW279-CL-AEG-040/ACP

REV.

ESTIMATED YEARLY REQUIREMENT: 1 LB

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 6850-00-663-9415

MANUFACTURER: MULTISORB TECHNOLOGIES INC.

PHONE: 716-824-8900

ITEM OR TRADE NAME: DESSICANT, ACTIVATED

PART NUMBER OR SPECIFICATION: MIL-D-3716 (powder)

UNIT OF ISSUE: CN

UNIT OF MEASURE: 5 LBS

**IV. ENDORSEMENTS**

PH-4.0-9.0

Cage 1L2Z7 W. R. GRACE & CO.  
410-531-4261

REQUESTORS NAME: HICKS, MEAGAN

RANK: FC3

EMAIL: hicksm@cg62.navy.mil

DATE PREPARED: 22 JAN 2013

COMMANDER OR DESIGNEE NAME: HESSER, WILLIAM

RANK: CAPT

EMAIL: hesserw@cg62.navy.mil

DATE: 29 JAN 2013

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous materialElectronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

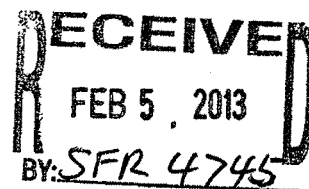
Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Montez, Anthony LS3 [monteza@cg62.navy.mil]  
**Sent:** Tuesday, February 05, 2013 5:26 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR REQUEST  
**Attachments:** SFR Dessicant.pdf, SHML SFR.doc



Mr. Celona,

I have attached the typed version of the SFR for the corrections and the PDF version to show the CO's signature.

Very Respectfully,

LS3 (SW) Montez  
Hazmat Supervisor, Divisional Career Counselor, and Divisional Safety PO USS Chancellorsville  
Supply Dept/S-1 Division

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077 [mailto:mike.celona@navy.mil]  
**Sent:** Tuesday, February 05, 2013 11:13 AM  
**To:** Montez, Anthony LS3  
**Subject:** RE:  
**Importance:** High

Please resubmit this SFR electronically as I requested a few minutes ago. Hand writing is difficult to read via email. Please submit the TYPED information electronically.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

**From:** Montez, Anthony LS3 [mailto:monteza@cg62.navy.mil]  
**Sent:** Tuesday, February 05, 2013 13:56  
**To:** wraps.prime.fct  
**Subject:**

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 06, 2013 10:27 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS CHANCELOORSVILLE (cne@saltmail.salts.navy.mil); 'Montez, Anthony LS3'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS CHANCELOORSVILLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4745

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4745) DESICCANT, ACTIVATED, (Part# MIL-D-3716, POWDER), NSN: 6850-00-663-9415  
(d) POC for the USS Chancellorsville (CG-62): LS3 (SW) Montez  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.





# DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098


5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/013  
13 February 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4745)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4745) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
per Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 2:09 PM  
**To:** 'USS WASP (r3w@saltsmail.salts.navy.mil)'; 'Orozco, Roel K. LT'; 't@lhd1.navy.mil'; Hood, Jennifer M YN1(AW), STAFF NOSC WICHITA  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR) #4746-4749 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Wasp (LHD-1)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LT Roel Orozco

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4746) SELF ETCHING PRIMER, (Part# POR-15 SELF ETCHING PRIMER), NSN: NONE  
(d) (SFR #4747) RUST PREVENTIVE PAINT, (Part# 1 POR-15 RUST PREVENTIVE PAINT), NSN: NONE  
(e) (SFR #4748) MARINE CLEAN DEGREASER, (Part# MC MARINE CLEAN), NSN: NONE  
(f) (SFR #4749) PREP AND READY SOLUTION, (Part# MR PREP & READY), NSN: NONE  
(g) POC for the USS Wasp (LHD-1): LT Roel Orozco  
(h) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (f) SFR's from ref (g). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (h). The following information provides the current status of your SFR's.

Concerning ref (c) through (f) SFR's 4746 through 4749 per ref (h):

Mike,

SFR'S #4746-4749: The SFR requested materials (Self Etching Primer; Rust Preventive Paint; Marine Clean Degreaser; and Prep and Ready Solution) are not authorized at this time because there was no technical information provided to be able to review the items for their intended uses. It is recommended that the SFR'S be re-submitted with relevant technical information (MIP/MRC, AEL/APL, technical manual, etc.) and a more detailed justification statement.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, these SFR products ARE NOT APPROVED for use and will not be added to the SHML.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 15, 2013 3:03 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFRs #4746-4749  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Wasp (LHD-1)

SFRs #4746-4749: The SFR requested materials (Self Etching Primer; Rust Preventive Paint; Marine Clean Degreaser; and Prep and Ready Solution) are not authorized at this time because there was no technical information provided to be able to review the items for their intended uses. It is recommended that the SFRs be re-submitted with relevant technical information (MIP/MRC, AEL/APL, technical manual, etc.) and a more detailed justification statement.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*Rejected*

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 13, 2013 10:58 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS WASP (r3w@saltsmail.salts.navy.mil); 'Orozco, Roel K. LT'; t@lhd1.navy.mil; Hood, Jennifer M YN1(AW), STAFF NOSC WICHITA; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR) #4746-4749

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4746) SELF ETCHING PRIMER, (Part# POR-15 SELF ETCHING PRIMER), NSN: NONE  
(d) (SFR #4747) RUST PREVENTIVE PAINT, (Part# 1 POR-15 RUST PREVENTIVE PAINT), NSN: NONE  
(e) (SFR #4748) MARINE CLEAN DEGREASER, (Part# MC MARINE CLEAN), NSN: NONE  
(f) (SFR #4749) PREP AND READY SOLUTION, (Part# MR PREP & READY), NSN: NONE  
(g) POC for the USS Wasp (LHD-1): LT Roel Orozco  
(h) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (f) SFR's from ref (g). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (h). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (h) for further review and analysis. Upon ref (h) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (h) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098


5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/014  
11February 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4746-4749)

1. Enclosure (1) contains a packet of four (4) SFR's (SFR# 4746-4749) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

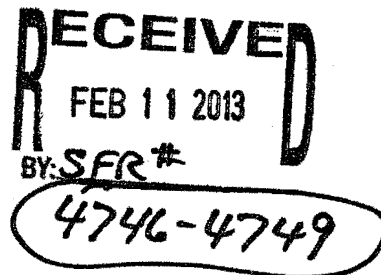
---

**From:** Orozco, Roel K. LT [orozcor@lhd1.navy.mil]  
**Sent:** Monday, February 11, 2013 11:58 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077; t@lhd1.navy.mil  
**Cc:** Hood, Jennifer M YN1(AW), STAFF NOSC WICHITA  
**Subject:** RE: USS WASP LHD1 SFR FOR YOUR REVIEW (SELF ETCHING PRIMER)  
**Attachments:** SELF ETCHING PROD INFO and.pdf; SELF ETCHING MSDS.pdf; SELF ETCHING SFR.pdf

Mike,

Resubmitting USS WASP SFR'S FOR REVIEW.

V/R  
LT Roel Orozco  
Stores/Hazmat Officer  
USS WASP (LHD-1)  
FPO AE 09556-1660  
COMM: 757-443-7545  
J Dial - 7536/7629/7138  
NIPR: [orozcor@lhd1.navy.mil](mailto:orozcor@lhd1.navy.mil)



-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077 [<mailto:mike.celona@navy.mil>]  
**Sent:** Friday, February 08, 2013 8:23 AM  
**To:** Orozco, Roel K. LT; [t@lhd1.navy.mil](mailto:t@lhd1.navy.mil)  
**Cc:** Hood, Jennifer M YN1(AW), STAFF NOSC WICHITA; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USS WASP LHD1 SFR FOR YOUR REVIEW (SELF ETCHING PRIMER)  
**Importance:** High

LT Orozco,

Your SFR requests (all four of them) have been rejected for the following reasons:

1. SFR's must be TYPED--not hand written. It is extremely difficult to read SFR's that are hand written because everyone's hand writing is different and the characters are difficult to identify. Also, it is so light when scanned that it is difficult to read.
2. I can barely read the MSDS's attached. The type is extremely light-they print that way also. Go to the manufacturer (call) and request he send new ones to you.
3. You forgot to send me the manufacturers Technical/Product Data sheets for all 4 SFR's.
4. I need a valid manufacturers cage, part number, phone number.
5. I need a specific unit of issue/unit of measure such as 4 one gallon cans per box. Or 12 sixteen ounce aerosol spray cans per box, or 3 five pound packets of powdered \_\_\_\_\_ per box, etc.
6. Section II cannot be left blank. If there is a specific requirement for this request the technical data must be filled in.
7. The manufacturer section makes no sense to me. It looks like it says: For-15 and the part number doesn't look like a valid part number.



## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/11/2013 FPO#: AE09556 - 1660 UIC#: 21560 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4746  ATTACHED FROM (SHIP): USS WASP (LHD-1)  PRODUCT NAME: SELF ETCHING PRIMER  DATE ON SFR: 2/7/2013
NAVICP-M	2/13/2013	MC	NSN/NIIN: --- CAGE: 0RZH3
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: POR-15 SELF ETCHING PRIMER
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE  MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: F/F2/H 1 GALLON CAN. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL DATA PROVIDED-SECTION II OF SFR. NO LONGER HAVE AUTHORITY TO GET NSN'S ASSIGNED.

Current Date: 2/10/2013

**RECEIVED**  
FEB 11 2013  
BY: SFR 4746

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

*NIS  
NIT  
N1H*

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-0201

SHIP NAME: USS WASP

SHIP NUMBER: LHD-1

TYCOM: COMNAVSURFFOR

UIC: 21560

Serial Number:

HAZMAT DELAYED: ☐ Yes ☒ No

**I. JUSTIFICATION** (to include up to date justification for requested HAZMAT)  
HAZMAT REQUESTED BY THE CO FOR USE IN PRESERVATION OF C5I DEPARTMENT SPACES. HAZMAT WILL  
BE SPECIFICALLY USED FOR FAN ROOMS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA** *NO TECHNICAL DATA*

MAINTENANCE INDEX PAGE (MIP) #: NONE

MAINTENANCE REQUIREMENT CARD (MRC #: NONE

APL OR AEL: NONE

TECH MANUAL: NONE

REV.

ESTIMATED YEARLY REQUIREMENT: 5

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

*Cage 0RZH3*

MANUFACTURER: POR-15 INC / CAGE #: 0RZH3

PHONE: 973 - 479 - 7384

ITEM OR TRADE NAME: SELF ETCHING PRIMER (*CORROSION PREVENTIVE COMPOUND*)

PART NUMBER OR SPECIFICATION: POR-15 SELF ETCHING PRIMER

*\$165.50 GAL.*

UNIT OF ISSUE: CN

UNIT OF MEASURE: (5) 1 GAL

*F/F2/H*

**IV. ENDORSEMENTS**

REQUESTER NAME: ROEL OROZCO

RANK: LT

EMAIL: orozcor@lhd1.navy.mil

DATE PREPARED: 2/7/2013

BOARDMAN, G. M.

RANK: CAPT

EMAIL: boardmang@lhd1.navy.mil

DATE: 2/7/2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes as a signature

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-2480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **POR-15 Self-Etching Primer**  
Product Use/Restriction: **Primer**  
Manufacturer Name: **POR-15, Inc.**  
Address: **P.O. Box 1235  
Morristown, NJ 07962-1235**  
General Phone Number: **800-457-6715**  
Customer Service Phone Number: **973-887-1999**  
Technical Product Information: **800-457-6715**  
Emergency Phone Number: **1-800-457-6715**  
CHEMTREC: **For emergencies in the US, call CHEMTREC: 800-424-9300**  
MSDS Format: **ANSI**

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Butanol	71-36-3	5 - 10 by weight	
Xylene	1330-20-7	10 - 25 by weight	
Isobutanol	78-83-1	- 5 by weight	

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Exposure:

Potential Health Effects:

Eye: Irritation and soreness.  
Skin: May cause irritation with prolonged contact.  
Inhalation: Drowsiness, irritation of respiratory tract.  
Ingestion: Sore throat, stomach ache, nausea.

Chronic Health Effects:

Signs/Symptoms:

Target Organs:

Aggravation of Pre-Existing Conditions:

## SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 to 20 minutes occasionally lifting eyelids. Get medical attention, if irritation or symptoms of overexposure persists.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing thoroughly before re-use.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if necessary.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water, seek medical attention.

Note to Physicians:

Other First Aid:

## SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties: Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

Flash Point: 21.1°C (70°F)

Flash Point Method:

Auto Ignition Temperature: 490°C (914°F)

Lower Flammable/Explosive Limit: 1.0%

Upper Flammable/Explosive Limit:	6.6% (Xylene)
Fire Fighting Instructions:	
Extinguishing Media:	Dry chemical (e.g. monoammonium phosphate, potassium sulfate, and potassium chloride), carbon dioxide, high expansion (proteinic) chemical foam, sand.
Unsuitable Media:	
Protective Equipment:	As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	
Hazardous Combustion Byproducts:	Burning material may emit toxic fumes and smoke, so avoid inhalation or burning products.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	
Environmental Precautions:	
Spill Cleanup Measures:	This product will readily flow. Contain and collect any spillage with sand or earth. Keep product from drains. Avoid sources of ignition.
Other Precautions:	

## SECTION 7 - HANDLING and STORAGE

Handling:	Keep away from heat. Avoid contact with skin and eyes. Use only in well ventilated areas.
Storage:	Store below 77 deg F in a dry & well ventilated area in original containers.
Work Practices:	
Special Handling Procedures:	
Hygiene Practices:	

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use in well-ventilated areas only. Have adequate general exhaust.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Contact lenses should not be worn.
Skin Protection Description:	Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered to a minimum. & dbo_Section8.HandProtectionDescription
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, spray painting, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Eyewash and deluge shower should be available.

### EXPOSURE GUIDELINES

Notes :

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Flash Point:	21.1°C (70°F)
Flash Point Method:	
Auto Ignition Temperature:	490°C (914°F)

## SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	
Reactivity:	

Hazardous Polymerization:

Conditions to Avoid:

Incompatible Materials:

Special Decomposition  
Products:

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#### SECTION 11 - TOXICOLOGICAL INFORMATION

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#### SECTION 12 - ECOLOGICAL INFORMATION

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#### SECTION 13 - DISPOSAL CONSIDERATIONS

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#### SECTION 14 - TRANSPORT INFORMATION

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DOT Shipping Name:	Paint
DOT UN Number:	UN1263
DOT Hazard Class:	3
DOT Packing Group:	III

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#### SECTION 15 - REGULATORY INFORMATION

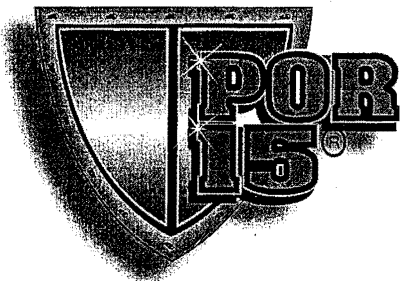
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#### SECTION 16 - ADDITIONAL INFORMATION

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## POR-15 SELF ETCHING PRIMER

### Application Information

#### PRODUCT DESCRIPTION:

POR 15 Self-Etching Primer can be used to adhere to fully cured POR-15 Rust Preventive Paint and all POR-15 topcoats to enable quick refinishing and recoating of these products. POR-15 Self Etching Primer also adheres well to steel, aluminium, stainless steel, brass and other primed and painted surfaces.

Read all directions and warnings for safe use and careful application

1. For maximum adhesion Sand surfaces to be painted with 280 to 320 grit sandpaper.
2. Clean painted and bare metal surfaces with POR-15 Marine Clean. Metal surfaces should be treated with POR-15 Metal Ready for maximum adhesion.
3. Spray or brush on one or two covering coats of POR-15 Self-Etching Primer and allow 10 to 15 minutes between coats. Temperatures should be between 60 – 90 F (16 –35 C). Allow longer cure times in cooler temperatures.

POR-15 Self-Etching Primer can be topcoated in 30 minutes. It isn't necessary to sand POR-15 Self-Etching Primer before topcoating it unless this is cosmetically required or necessary.

POR-15® Self-Etching Primer, like all POR-15® coatings, should always be stirred, not shaken.

Contains Petroleum Solvents. Keep away from heat and flame. Air-supplied respirators should be used when spraying POR-15® Self Etching Primer. To avoid breathing vapors, organic vapor particulate respirators, NIOSH/MSHA approved, must be used. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Seal container immediately after dispensing. Do not smoke during application and until all vapors(odors) are gone. To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled closed metal container. . VOC content 450 g/l

Use only with adequate ventilation. Keep out of the reach of children. Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Harmful or fatal if swallowed. Do not use on children's toys which may be put into mouth.

Hazardous ingredients: Xylene, Cas # 1330-20-7 Contents partially unknown.

Information contained herein is to our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since the conditions of its use are beyond our control, RestoMotive Laboratories/POR-15, Inc. disclaims any liability incurred in connection with the use of its products and information contained herein. No person is authorized or empowered to make any statement or recommendation not contained herein, and any such statement or recommendation so made shall not bind the Corporation. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use, and no license implied or in fact is granted herein under the claims of any patents.

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 2/11/2013 FPO#: AE09556 - 1660 UIC#: 21560 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4747  ATTACHED FROM (SHIP): USS WASP (LHD-1)  PRODUCT NAME: RUST PREVENTIVE PAINT  DATE ON SFR: 2/7/2013
NAVICP-M	2/13/2013	MC	NSN/NIIN: --- CAGE: 0RZH3
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 1 POR-15 RUST PREVENTIVE PAINT
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: F/F6/H 1 GALLON CAN. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL DATA PROVIDED-SECTION II OF SFR. NO LONGER HAVE AUTHORITY TO GET NSN'S ASSIGNED.

**RECEIVED**  
**FEB 11 2013**  
**BY: SFR 4747**

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)**  
**FEEDBACK REPORT (SFR)**

*NIS*  
*NIT*  
*NIM*

*This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your F-0362L*

SHIP NAME: USS WASP

SHIP: LHD-1

TYCOM: COMNAVSURFFOR

VIC: 21560

Serial Number:

HASP FILED: ☐ ☒

**I. JUSTIFICATION** The hazardous material requested is for use in the following:  
 HAZMAT REQUESTED BY THE CO FOR USE IN PRESERVATION OF CSI DEPARTMENT SPACES. HAZMAT WILL BE SPECIFICALLY USED FOR FAN ROOMS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA** *NO TECHNICAL DATA.*

MAINTENANCE INDEX PAGE (MIP) #: NONE

MAINTENANCE REQUIREMENT CARD (MRC #: NONE

APL OR AEL: NONE

TECH MANUAL: NONE

REV.

ESTIMATED YEARLY REQUIREMENT: 5

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

*Cage 0RZH3*

MANUFACTURER: POR-15 INC / CAGE #: 0RZH3

PHONE: 973 - 479 - 7384

ITEM OR TRADE NAME: RUST PREVENTIVE PAINT (CORROSION PREVENTIVE COMPOUND)

PART NUMBER OR SPECIFICATION: POR-15 RUST PREVENTIVE PAINT *SEMI-GLOSS (BLACK)*

UNIT OF ISSUE: CN

UNIT OF MEASURE: (5) 1 GAL

*\$149.75 PER GAL*

**IV. ENDORSEMENTS**

REQUESTED BY: ROEL OROZCO

RANK: LT

*F/F6/H*

EMAIL: orozcor@lhd1.navy.mil

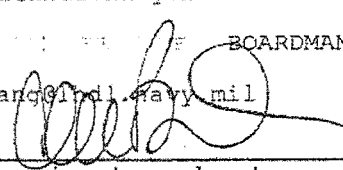
DATE PREPARED: 2/7/2013

APPROVED BY: BOARDMAN, G. M.

RANK: CAPT

EMAIL: boardman@lhd1.navy.mil

DATE: 2/7/2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-2480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil





# MATERIAL SAFETY DATA SHEET

Page 1 of 9  
Rust Preventive Paint

Part No. 1

Revision 3 ♦ September 30, 2011

CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## Section 1

## • PRODUCT AND COMPANY IDENTIFICATION •

## Section 1

Product Numbers 1  
Product Name POR-15 Rust Preventive Paint  
Synonyms None  
Products Uses Paint  
Revision Number 3  
Revision Date September 30, 2011  
Print Date September 30, 2011

24 hr Emergency  
Phone Number

**800-424-9300**  
(Chemtrec)

MANUFACTURER INFORMATION		DISTRIBUTOR INFORMATION	
Company Name	POR-15, Inc.	Company Name	
Address	PO Box 1235 Morristown NJ 07962	Address	
Phone Number	973-887-1999	Phone Number	
Fax Number	973-887-8007	Fax Number	

## Section 2

## • HAZARDS IDENTIFICATION •

## Section 2

### EMERGENCY OVERVIEW

OSHA Classification This product is a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

European Classification Carc. Cat. 3  
Xn, Xi  
R 15-20-36/37/38-40-42/43-48/20-65  
S 1/2-7/8-23-24-43-45-53-62

WHMIS Classification B3, D1A, D2A, D2B



HEALTH HAZARDS				PHYSICAL HAZARDS			
Irritant	<input checked="" type="checkbox"/>	Sensitizer	<input checked="" type="checkbox"/>	Combustible	<input checked="" type="checkbox"/>	Explosive	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Highly Toxic	<input checked="" type="checkbox"/>	Flammable	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Corrosive	<input type="checkbox"/>	Carcinogenic	<input checked="" type="checkbox"/>	Compressed Gas	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
						Pyrophoric	<input type="checkbox"/>
						Water Reactive	<input type="checkbox"/>
						Unstable	<input type="checkbox"/>

♦ See Section 11

### LABELING REQUIREMENTS

CANADA	UNITED STATES	EUROPE & AUSTRALIA	GHS
	CAUTION CONTENTS COMBUSTIBLE		



# MATERIAL SAFETY DATA SHEET

Page 2 of 9  
Rust Preventive Paint

Part No. 1

Revision 3 ♦ September 30, 2011

CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NIOSH 3035 (2003), AND CANADIAN CPR

## POTENTIAL HEALTH EFFECTS AND SIGNS / SYMPTOMS OF EXPOSURE

Eye Contact	Causes irritation with symptoms of reddening, tearing, stinging, and swelling. May cause temporary corneal injury. Prolonged vapor contact may cause conjunctivitis.
Skin Contact	Causes irritation with symptoms of reddening, itching, and swelling. Persons previously sensitized can experience allergic skin reaction. Cured material is difficult to remove. Contact with isocyanates can cause discoloration (staining) and hardening of the skin after repeated exposures.
Ingestion	May cause irritation. Symptoms may include abdominal pain, nausea, vomiting, and diarrhea.
Inhalation	Diisocyanate vapors or mist can irritate the mucous membranes in the respiratory tract causing running nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. Persons with a preexisting, nonspecific bronchial hyper reactivity can respond to concentrations below the TLV or PEL with similar symptoms as well as asthma attack or asthma-like symptoms. Exposure well above the TLV/PEL may lead to bronchitis, bronchial spasm and pulmonary edema. Chemical or hypersensitivity pneumonitis, with flu-like symptoms, has also been reported. These symptoms can be delayed up to several hours after exposure.
Effects of Chronic Exposure	Prolonged skin contact can cause in some cases sensitization. Animal tests and other research indicate skin contact with isocyanates can play a role in causing isocyanate sensitization and respiratory reaction. As a result of repeated overexposure, or a single large exposure, some individuals may develop sensitization to diisocyanates (asthma or asthma-like symptoms) that may cause them to react to a later exposure at levels well below the TLV/PEL. These symptoms could include chest tightness, wheezing, cough, shortness of breath or asthmatic attack, and could be immediate or delayed up to several hours after exposure. Extreme asthmatic reactions can be life threatening. This increased sensitivity can persist for weeks and in severe cases for several years. Sensitization can be permanent. Chronic overexposure to diisocyanates has also been reported to cause lung damage, including fibrosis and a decrease in lung function.
Medical Conditions Aggravated	Asthma, respiratory disorders, skin allergies, eczema
Target Organs	Eyes, Skin, Respiratory System, Central Nervous System
Routes of Exposure	Skin contact, eye contact, inhalation
Potential Environmental Effects	See Section 12 for environmental effects

## Section 3

## • COMPOSITION / INFORMATION ON INGREDIENTS •

## Section 3

ID	INGREDIENT	CAS NUMBER	EINECS	EU CLASSIFICATION	BLACK	SEMI	% WT. CLEAR	SILVER	GRAY
1	Oxirane, methyl-, polymer with .alpha.-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[isocyanatobenzene]	Trade Secret POR.01109301	Trade Secret	Xn, Xi; 20-36/37/38-40-42/43-48/20	30 - 60	—	30 - 60	—	30 - 60
2	Isocyanic acid, polymethylenebis(phenylene ester, polymer with 1,2-ethanediamine methyloxirane and 1,2-propanediol)	Trade Secret POR.01109302	Trade Secret	Xn, Xi; 20-36/37/38-40-42/43-48/20	—	30 - 60	—	30 - 60	—
3	Aromatic Naphtha	064742-95-6	265-199-0	45-65	10 - 30	10 - 30	15 - 40	15 - 40	15 - 40
4	Propanol, [(1-methyl-1,2-ethanediyl)bis(oxy)] bis-, polymer with 1-isocyanato-2-[(4-isocyanatophenyl) methyl]benzene and 1,1'-methylenebis[4-isocyanatobenzene]	Trade Secret POR.01109303	Trade Secret	—	10 - 30	10 - 30	10 - 30	10 - 30	10 - 30
5	Aliphatic Naphtha	064742-88-7	265-191-7	65	10 - 30	10 - 30	—	—	—
6	Methylene Bisphenyl Isocyanate (MDI)	000101-68-8	202-966-0	Xn, Xi; 20-36/37/38-40-42/43-48/20	7 - 13	7 - 13	7 - 13	7 - 13	7 - 13
7	Aluminum	007429-90-5	231-072-3	F; 10-15	—	—	—	3 - 7	—
8	Carbon Black	001333-86-4	215-609-9	—	3 - 7	3 - 7	—	—	0.1 - 1
9	Methylene Diphenyl Diisocyanate (Crude MDI)	026447-40-5	247-714-0	Xn, Xi; 20-36/37/38-40-42/43-48/20	1 - 5	3 - 7	1 - 5	3 - 7	1 - 5
10	Titanium Dioxide	013463-67-7	236-675-5	—	—	—	—	—	1 - 5
11	Polymeric Diphenylmethane Polyisocyanate	009016-87-9	—	—	1 - 5	—	1 - 5	—	1 - 5
12	Hydrotreated Heavy Petroleum Naphtha	064742-48-9	265-149-8	Xn; 65	—	—	—	1 - 5	—

Risk Phrases	See Section 15 for risk phrase text
LD50 and LC50 Information	See Section 11 for toxicological information
Occupational Exposure Limits	See Section 8 for OELs



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## Section 4

### • FIRST AID MEASURES •

## Section 4

Ingestion	<i>DO NOT INDUCE VOMITING! Wash mouth out with water. Do not give anything by mouth to an unconscious individual. Consult a physician.</i>
Skin Contact	<i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i>
Eye Contact	<i>Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.</i>
Inhalation	<i>Immediately move to an area free from exposure with fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. Asthmatic symptoms may develop and may be immediate or delayed up to several hours. Extreme asthmatic reactions can be life threatening.</i>
Notes to Physician	<i>Eyes: Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparations as needed. Workplace vapors could produce reversible corneal epithelial edema impairing vision. Skin: This product is a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burn. Ingestion: Treat symptomatically. Inducing vomiting is contraindicated because of the irritating nature of the compound. Inhalation: Treat symptomatically. An individual having a dermal or pulmonary sensitization reaction to this product should be removed from further exposure to any diisocyanate.</i>
Antidotes	<i>No specific antidote.</i>

## Section 5

### • FIRE FIGHTING MEASURES •

## Section 5

Flash Point	<i>&gt; 106 °F (41.1 °C)</i>
Autoignition Temperature	<i>444 °F (229.0 °C)</i>
Explosive Limits	<i>0.60% to 6.50%</i>
Conditions of Flammability	<i>Heat, sparks, flame, red hot metal</i>
Extinguishing Media	<i>CO<sub>2</sub>, dry chemical, or universal aqueous film forming foam</i>
Unsuitable Extinguishing Media	<i>Water jet or water-based fire extinguishers</i>
Hazardous Combustion Products	<i>Nitrogen oxides, hydrogen cyanide, oxides of carbon (CO, CO<sub>2</sub>), smoke, and vapors</i>
Sensitivity to Mechanical Impact	<i>Probably not sensitive as material is stable.</i>
Sensitivity to Static Discharge	<i>Vapor within the flammable limits may be ignited by a static discharge of sufficient energy.</i>
Special Equipment and Precautions	<i>Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.</i>
Special Explosion Hazards	<i>COMBUSTIBLE LIQUID. Vapors can form an explosive mixture with air and can travel to a source of ignition (spark or flame) and flash back.</i>
Autoreactivity / Oxidizing Properties	<i>Not available</i>

## Section 6

### • ACCIDENTAL RELEASE MEASURES •

## Section 6

Personal Precautions	<i>Use personal protection recommended in Section 8. Isolate hazard area and deny entry to unnecessary and unprotected personnel.</i>
Environmental Precautions	<i>Keep out of drains, sewers, ditches, and waterways. Avoid use of water.</i>
Containment Procedures	<i>Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.</i>
Cleanup Procedures	<i>Avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.</i>
Other Information	<i>The North American Emergency Response Guidebook, the Australian Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76), or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.</i>
Prohibited Materials	<i>Combustible absorbent material such as sawdust, use of equipment that may cause sparking.</i>



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## Reporting Requirements

Report releases that reach surface water or groundwater in any amount. Spills, leaks, and overfills from a regulated underground storage tank should also be reported. Reportable quantities for spills onto the ground depend on site conditions, such as the type of soil and the type of material spilled, and Federal and local agencies often have different reportable quantities. If you are unsure of your reporting requirements contact the regulating agency in your area.

## Section 7

## • HANDLING AND STORAGE •

## Section 7

### Precautions for Safe Handling and Use

KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Applications using Flammable and Combustible Materials is recommended.

### Storage Requirements and Conditions

For storage of all materials, conform to NFPA 30 Flammable and Combustible Liquids. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.

Store in a dry well-ventilated area out of direct sunlight and away from heat and ignition sources. Store within recommended temperature range. Store away from incompatible materials, such as amines, alcohols, acids, bases, metal compounds and water which may react vigorously and/or violently.

### Special Packaging Materials

Not applicable.

## Section 8

## • EXPOSURE CONTROLS / PERSONAL PROTECTION •

## Section 8

### Occupational Exposure Limits

ID	UNITED STATES OSHA PEL	UNITED STATES NIOSH REL	UNITED STATES NIOSH IDLH	UNITED STATES ACGIH TLV	AUSTRALIA TWA	GERMANY MAK	JAPAN OEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3	N/E	N/E	N/E	N/E	N/E	N/E	N/E
4	N/E	N/E	N/E	N/E	N/E	N/E	N/E
5	500 ppm	350 mg/m <sup>3</sup>	20000 mg/m <sup>3</sup>	100 ppm	790 mg/m <sup>3</sup>	N/E	N/E
6	0.02 ppm (C)	0.005 ppm	75 mg/m <sup>3</sup>	0.005 ppm	0.02 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>
7	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E	10 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	N/E	2 mg/m <sup>3</sup>
8	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup> 1750	1750 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	N/E	1 mg/m <sup>3</sup>
9	N/E	N/E	N/E	N/E	N/E	N/E	N/E
10	15 mg/m <sup>3</sup>	N/E	5000 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E	1 mg/m <sup>3</sup>
11	N/E	N/E	N/E	N/E	0.02 mg/m <sup>3</sup>	N/E	N/E
12	5 mg/m <sup>3</sup>	N/E	2500 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E	3 mg/m <sup>3</sup>

ID	CANADA ALBERTA OEL	CANADA BC TWA	CANADA ONTARIO TWA/VEV	CANADA QUEBEC TWA	MEXICO MPEL-PTA	UNITED KINGDOM WEL	UNITED STATES AIHA WEEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3	N/E	N/E	N/E	N/E	N/E	N/E	N/E
4	N/E	N/E	N/E	N/E	N/E	N/E	N/E
5	100 ppm	290 mg/m <sup>3</sup>	525 mg/m <sup>3</sup>	100 ppm	100 ppm	N/E	N/E
6	0.005 ppm	0.005 ppm	0.005 ppm	0.005 ppm	0.02 mg/m <sup>3</sup>	0.02 mg/m <sup>3</sup>	N/E
7	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E
8	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	N/E
9	N/E	N/E	N/E	N/E	N/E	N/E	N/E
10	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E
11	0.005 ppm	0.005 ppm	N/E	0.005 ppm	N/E	0.02 mg/m <sup>3</sup>	N/E
12	5 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	N/E	N/E	N/E

### Engineering Measures

Because of the high potential hazard associated with isocyanates, consider the use of fully enclosed handling systems to control air concentration levels below the recommended exposure levels. Local exhaust ventilation may be necessary wherever materials containing isocyanates are handled, processed or cured, especially if heating or spraying is involved. Supply sufficient air to replace air removed by exhaust ventilation systems.

### Biological Exposure Indices

None established.



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## General Hygiene Considerations

Avoid breathing vapors and contact with the skin and eyes. Always replace lid when not in use. Keep out the reach of children. Wash hands after use.

## Thermal Hazards

This product does not present a thermal hazard.

## PERSONAL PROTECTIVE EQUIPMENT



## Respiratory Protection

A NIOSH approved air-purifying respirator with an organic vapor cartridge approved for use in isocyanate containing environments may be permissible under certain circumstances where concentrations are expected to exceed exposure limits. In spray applications you must protect against exposure to both vapor and spray mist. Protection provided by air-purifying systems is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, where exposure levels are not known, or any other situation where air purifying respirators may not provide adequate protection. In the United States ensure compliance with OSHA standard 29 CFR 1910.134.

## Skin Protection

Ensure any exposed skin is covered by using chemical protective boots, gloves, coveralls, and/or other resistant protective clothing.

## Eye/Face Protection

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles or a full face shield are recommended.

## Other Protective Equipment

Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

## Section 9

## • PHYSICAL AND CHEMICAL PROPERTIES •

## Section 9

Boiling Point	> 284 °F (140.0 °C)	Melting / Freezing Point	Not Available
Flash Point	> 106 °F (41.1 °C)	Autoignition Temperature, Liquid	444 °F (229.0 °C)
Explosive Limits	0.60% to 6.50%	Decomposition Temperature	Not Available
Flammability	Class II Liquid	Density (H <sub>2</sub> O = 1)	1.029 - 1.053 g/cc
Molecular Weight	Not Available	Weight	8.584 - 8.784 lbs/gal
Vapor Pressure	38 mm Hg	pH	Not Available
Vapor Density	4.5 g/cc Maximum	Evaporation Rate (BuAC = 1)	4.5 for Solvent
Physical State	Liquid	Partition Coefficient	Not Available
Viscosity	200-500 cps @ 25 °C	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion	Not Available
Odor	Paint-like	Water Solubility	Not Available
Appearance / Color	Colored liquid		
Percent Volatile	Black 30% Wt (36% Vol) Max Semi-Gloss 27% Wt (33% Vol) Max Clear 30% Wt (36% Vol) Max Silver 31% Wt (37% Vol) Max Gray 33% Wt (39% Vol) Max	VOC Content	295 g/L 270 g/L 301 g/L 317 g/L 333 g/L
Percent VOC	Black 30% Wt (36% Vol) Max Semi-Gloss 27% Wt (33% Vol) Max Clear 30% Wt (36% Vol) Max Silver 31% Wt (37% Vol) Max Gray 33% Wt (39% Vol) Max	HAP Content	None None None None None





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Solids Content	Black 71% Wt (65% Vol) Max	Maximum Incremental Reactivity	1.423
	Semi-Gloss 74% Wt (68% Vol) Max		1.279
	Clear 71% Wt (65% Vol) Max		2.245
	Silver 69% Wt (64% Vol) Max		2.174
	Gray 68% Wt (62% Vol) Max		2.433

## Section 10

### • STABILITY AND REACTIVITY •

## Section 10

Stability	Stable
Physical Hazards	Combustible liquid
Conditions to Avoid	Moisture, heat, direct sunlight
Hazard Polymerization	May undergo uncontrolled exothermic polymerization upon contact with incompatible materials, especially strong bases, such as triethylamine and sodium hydroxide, trialkyl phosphines, potassium acetate, many metal compounds soluble in organic media, or if heated above 175 °C.
Material Incompatibility	Strong oxidizing agents, alcohols, halogenated hydrocarbons, acids, alkalis, alkali metals, water
Conditions of Reactivity	Heat, sparks, flame, red hot metal
Decomposition Products	4,4'-Methylene Dianiline (formed by reaction of isocyanates with water)

## Section 11

### • TOXICOLOGICAL INFORMATION •

## Section 11

Irritancy of Product	The following ingredients are skin irritants: Methylene Bisphenyl Isocyanate (MDI), Methylene Diphenyl Diisocyanate (Crude MDI), Polymeric Diphenylmethane Polyisocyanate. The following ingredients are respiratory irritants: Methylene Bisphenyl Isocyanate (MDI), Methylene Diphenyl Diisocyanate (Crude MDI), Polymeric Diphenylmethane Polyisocyanate.
Sensitization to Product	The following ingredients are considered skin and respiratory sensitizers: Methylene Bisphenyl Isocyanate (MDI), Methylene Diphenyl Diisocyanate, Polymeric Diphenylmethane Polyisocyanate.
Carcinogen Data	Carbon Black is listed with IARC as Class 2B (possible human carcinogen) and is listed with ACGIH as A4 (not classifiable as a human carcinogen). Carbon Black is also listed with the States of California and Minnesota as a known carcinogen.
Reproductive Toxicity	None of the ingredients are known or suspected reproductive toxins
Teratogenicity	None of the ingredients are known or suspected teratogens
Mutagenicity	The following ingredients are considered mutagens: Carbon Black
Synergistic Products	No known synergistic properties.

#### LD<sub>50</sub> and LC<sub>50</sub> Information

ID	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
1	Not Available	Not Available	Not Available
2	Not Available	Not Available	Not Available
3	4700 mg/kg, rat	4000 mg/kg, rabbit	3670 ppm /8hr, rat
4	Not Available	Not Available	Not Available
5	Not Available	500 mg/kg, rabbit	Not Available
6	>10000 mg/kg, rat	> 10000 mg/kg, rabbit	490 mg/m <sup>3</sup> /4hr, rat
7	Not Available	Not Available	Not Available
8	> 8000 mg/kg, rat	>3000 mg/kg, rabbit	Not Available
9	9200 mg/kg, rat	>10000 mg/kg, rabbit	490 mg/m <sup>3</sup> /4hr, rat
10	>24000 mg/kg, rat	>10000 mg/kg, rabbit	>6.82 mg/L /4hr, rat
11	>10000 mg/kg, rat	>6200 mg/kg, rabbit	490 mg/m <sup>3</sup> /4hr, rat
12	>5000 mg/kg, rat	>2000 mg/kg, rabbit	Not Available



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## Section 12

### • ECOLOGICAL INFORMATION •

## Section 12

Mobility	Not Available	Degradability	Not Available
Persistence	Not Available	Bioaccumulation	Not Available
Other Ecologic Data	Do not allow to enter waters, waste water, or soil.		
Effects on the Ozone Layer	This product does not contain any ozone depleting ingredients.		

#### Ecotoxicity

ID	FISH	INVERTEBRATES	AQUATIC PLANTS	MICROORGANISMS
1	Not Available	Not Available	Not Available	Not Available
2	Not Available	Not Available	Not Available	Not Available
3	LC50: 320 mg/L /48 hr	EC50: 170 mg/L /24 hr	EC50: 56 mg/L /72 hr	Not Available
4	Not Available	Not Available	Not Available	Not Available
5	Not Available	Not Available	Not Available	Not Available
6	LC50: >500 mg/L /24 hr	EC50: >500 mg/L /24 hr	Not Available	Not Available
7	NOEC: >100 mg/L /48 hr	NOEC: >100 mg/L /48 hr	NOEC: >100 mg/L /72 hr	Not Available
8	NOEC: 1000 mg/L /96 hr	EC50: >5600 mg/L /24 hr	Not Available	EC0: >100 mg/L /3 hr
9	Not Available	Not Available	Not Available	Not Available
10	LC50: >1000 mg/L /48 hr	Not Available	Not Available	Not Available
11	Not Available	Not Available	Not Available	Not Available
12	Not Available	Not Available	Not Available	Not Available

## Section 13

### • DISPOSAL CONSIDERATIONS •

## Section 13

#### Waste Disposal

Hazard characteristics and regulatory waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and local codes.

#### Waste Disposal of Packaging

Consult with your local landfill to determine if empty small containers can be disposed of regular trash pickup. – For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

#### Landfill Precautions

Not Available

#### Incineration Precautions

Not Available

## Section 14

### • TRANSPORTATION INFORMATION •

## Section 14

#### DOT SHIPPING INFORMATION (United States)



PROPER SHIPPING NAME: ... Consumer Commodity  
HAZARD CLASS: ... ORM-D  
PACKING GROUP: ...  
UN or ID NUMBER: ...  
NAERG GUIDE NUMBER: ... 171

#### ICAO/IATA SHIPPING INFORMATION (International Air)



PROPER SHIPPING NAME: ... Consumer Commodity  
HAZARD CLASS: ... 9  
PACKAGING GROUP: ...  
UN or ID NUMBER: ... ID8000

#### IMDG SHIPPING INFORMATION (International Ocean)



PROPER SHIPPING NAME: ... Paint Related Material,  
Limited Quantity  
CLASS: ... 3  
PACKAGING GROUP: ... III  
SUBSIDIARY RISK(S): ...  
UN or ID NUMBER: ... UN1263  
PACKING INSTRUCTIONS: ... P001  
EmS NO.: ... F-E, S-E  
STOWAGE: ... Category B  
MFAG NO.: ... 310, 313

#### ADR SHIPPING INFORMATION (European Union)



PROPER SHIPPING NAME: ... Paint Related Material,  
Limited Quantity  
ADR CLASS: ... 3  
PACKAGING GROUP: ... III  
UN or ID NUMBER: ... UN1263  
CLASSIFICATION CODE: ... F1  
HAZARD IDENTIFICATION NO: 33  
EMERGENCY ACTION CODE: ... •3YE







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ID	WHMIS CATEGORIES									CHEMICAL LISTS			
	A	B	C	D1A	D1B	D2A	D2B	D3	E	DSL	NDSL	NPRI	CWC
3	—	B3	—	—	—	—	—	—	—	✓	—	5	—
4	—	—	—	—	—	—	—	—	—	—	✓	—	—
5	—	B3	—	—	—	✓	—	—	—	✓	—	5	—
6	—	—	—	✓	—	✓	✓	—	—	✓	—	1A	—
7	—	B6	—	—	—	—	—	—	—	✓	—	1A	—
8	—	—	—	—	—	✓	—	—	—	✓	—	—	—
9	—	—	—	—	—	—	—	—	—	✓	—	—	—
10	—	—	—	—	—	✓	—	—	—	✓	—	—	—
11	—	—	—	✓	—	✓	✓	—	—	✓	—	1A	—
12	—	—	—	—	—	—	—	—	—	✓	—	5	—

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## European Union

CODE	RISK PHRASES
R 15	Contact with water liberates extremely flammable gases
R 20	Harmful by inhalation
R 36/37/38	Irritating to eyes, respiratory system, and skin
R 40	Possible risks of irreversible effects
R 42/43	May cause sensitization by inhalation and skin contact
R 45	May cause cancer
R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R 65	Harmful: may cause lung damage if swallowed

CODE	SAFETY PHRASES
S 1/2	Keep locked up and out of the reach of children
S 7/9	Keep container tightly closed and in a well ventilated place
S 23	Do not breath gas/fumes/vapour/spray
S 43	In case of fire use dry chemical
S 53	Avoid exposure
S 62	If swallowed do not induce vomiting, seek medical advise immediately

## RoHS Compliance



This product is RoHS compliant according to the definitions and restrictions given by Directive 2002/95/EC and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## Australia

### Poisons Schedule Number

None of the ingredients are present at or above a concentration necessary for allocation of a Poisons Schedule Number.

### Chemical Inventory Status

All of the ingredients are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.

## Section 16

## • OTHER INFORMATION •

## Section 16

### Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

### Revision History

Revision 1, 08/11/2010, Original

Revision 2, 07/27/2011, Added CAS and EC Numbers for some of the ingredients

Revision 3, 09/30/2011, Corrected VOC Content values and trade secret information



## POR-15 Restoration Products

# POR-15 Rust Preventive Paint

## Rust Preventive Paints

### Product Description

POR-15® is a high performance coating designed for application directly on rusted or seasoned metal surfaces and concrete. POR-15® is non-porous and seals and protects many surfaces from water, chemicals, salt, and other corrosive contaminants. POR-15® is an effective anti-corrosive and rust preventive coating that offers superior chemical resistance due to its dense, cross-linked molecular composition and non-porous attributes.

### Typical Applications

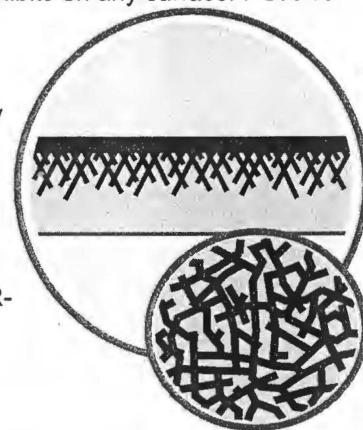
For over 25 years, POR-15® has been applied on thousands of vehicles and structures around the world. Our restoration products can be found in Antique Car Museums, Classic Car Shows, hundreds of body and restoration shops, as well as on government and local municipality trucks and equipment. Extend the life of any metal by protecting it with POR-15®. The following is a small sample of how people are using our products:

- Frame Coating
- Floorpans
- Trunks
- Snow Plows
- Floors
- Pipes
- Holding Tanks
- Air Conditioner & Refrigerator Parts
- Field Equipment
- Lawnmowers
- Any metal surface suffering from corrosion

### What makes POR-15® so tough?

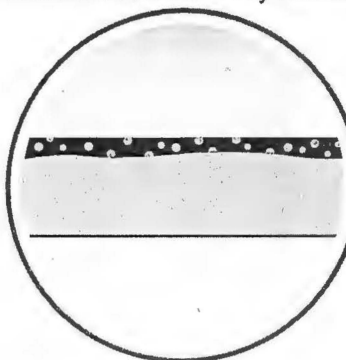
When you apply POR-15® to a rusted metal surface, the first thing you notice is the flow of the product and the way it seems to penetrate the metal. What you are seeing is the amazing tenacity of POR-15® and the way it chemically reacts to "grab" onto rusted metal like nothing you have ever seen! We call this polydigital™ adhesion, and nothing else can match its' bond strength and resilience.

This first image displays the polydigital™ (multi finger like) adhesion that POR-15® exhibits on any surface. POR-15® penetrates the metal, concrete, or wood and grabs hold of it to create a bond unlike any other. Once fully cured, the surface dries to a rock hard, non-porous barrier protecting against rust and moisture. The inset represents the dense molecular structure of POR-15® that no other coating possesses.



While this image shows you the penetration and adhesion of POR-15®, as well its' unique molecular structure, other coatings merely attach themselves to the surface.

This image shows how ordinary paints and coatings adhere to most surfaces. They rest on top, not really penetrating the surface to make a secure bond. These coatings will chip and peel easily when something impacts the surface. That's why polydigital adhesion is a superior technology exclusive to POR-15 alone.



## Stopping Rust PERMANENTLY is a MECHANICAL Process, not a CHEMICAL Process!!

POR-15® is unlike other rust paints because it stops rust MECHANICALLY rather than CHEMICALLY. Rust can't be permanently stopped chemically; it can only be delayed for a while.

POR-15® stops rust permanently because it keeps moisture away from metal with a non-porous coating. Moisture can't get through POR-15. Metal won't rust if moisture isn't present. Whenever you hear that paint stops rust because it contains 'rust inhibitors', watch out! That's double-talk for a temporary fix at best! The POR-15 method is the only one that keeps rust away permanently! POR-15 forms a rock-hard coating that won't crack, chip, or peel, and it gets stronger when exposed to moisture. One quart will cover 96 square feet.

Thin, covering coats are best; POR-15® will accept all top-coats including lacquer-based paints.

POR-15® is a great concrete sealer and is impervious to fuels, battery acid, oils, etc.

- GLOSS BLACK\*\* - use on frames, floorboards, fenders, engine compartments, trunk areas
- GRAY - use for marine and industrial applications, also excellent on concrete
- SILVER - contains aluminum and can be used on badly rusted steel to fill small holes and add strength.
- CLEAR - dries to a perfect satin gloss. Use on exterior surfaces before final painting.
- SEMI-GLOSS BLACK\* - for frames, chassis, firewalls, inner fenders that demand original semi-gloss look

*\* Keep in Mind that although we suggest our colors for different applications, POR-15® is versatile and any color can be used in any situation.*

*\*Please note: POR-15® Semi-Gloss Rust Preventive paint stops rust and provides a very durable coating, but be aware that it's not a cosmetic coating and may show different variations in gloss depending on the method of application and the surface it's applied to.*

**SPECIAL NOTE:** When ordering the 4 - Quart Special, please note colors and quantities desired in the comments section.

### Drying Time (hours)

Temp	90F / 32C	75F / 24C	50F / 10C
Humidity			
<30%	2.5	3.5	4 - 5
50%	2.5	3	4
70%	2	2.5	3.5
>90%	1.5	2	3

### Physical Data

FINISH	Gloss / Semi-Gloss
COLOR	Gloss Black, Semi-Gloss Black, Gray, Silver, and Clear
COMPONENTS	Single component
CURING MECHANISM	Moisture-cure
SOLIDS	74%
ELONGATION RATE	79%
VISCOSITY	250 - 500 cps @ 77°F
FLASH POINT	104°F / 40°C
CURE RATE	Depends on ambient humidity. High humidity equals faster dry time, which varies from 3 to 6 hours.
THEORETICAL COVERAGE	96 sq. ft. per quart, 384 sq. ft. per gallon - 3 mils
RECOMMENDED COATS	2

### Cleanup

Clean mixing and application equipment immediately after use. Tools should be cleaned with POR-15 Solvent or lacquer thinner before POR-15 cures. Cleaning is not possible after hardening. Observe all fire and health precautions when handling or storing solvents.

Use only POR-15 Solvent or lacquer thinner for cleanup.

### Safety

Material Safety Data Sheets should be read and understood by personnel responsible for supervision and application of POR-15. All applicable federal, state, local, and particular plant safety guidelines must be followed during the handling and installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

All work personnel should wear gloves, protective clothing, facial protection shield, mask and protective goggles.

### Material Storage

Store materials in a temperature-controlled environment, 45°F - 95°F / 7°C - 35°C and out of direct sunlight. Two-year shelf life is expected for products stored under these conditions.

## Physical & Performance Properties

<b>Abrasion Resistance</b> (ASTM-C-501)	<u>Weight Loss</u>
1 kg load/1000 cycles	Zero (0) Loss
<b>Impact Resistance</b> (MIL-D-3134F sec 4.7.3)	Exceeds 16ft/lbs
<b>Impact Resistance</b> (Mil-D-3134J)	Satisfactory per ¶ 3.15
<b>Indentation</b> (Mil-D-3134F sec 4.7.4)	2,000psi /30min No indentation
<b>Flexural Strength</b> (ASTM C-580 psi)	> 5,200 psi
<b>Compressive Strength</b> (ASTM C-579 psi)	> 12,500 psi
<b>Tensile Strength</b> (ASTM C-307 psi)	> 3,200 psi
<b>Elongation Rate</b> (ASTM-D-412)	79%
<b>Flammability</b> (ASTM-D-635)	Self-extinguishing
<b>Bond Strength to Concrete</b> (ASTM-D-4541)	Concrete fails be- fore POR-15®

## Weather, Temperature, & Bacterial Resistance

<b>Bacterial &amp; Fungus Resistance</b> (Mil-F-52505)	Zero (0) Growth
<b>Salt Spray Resistance</b> (ASTM B-117)	Zero (0) Change
250 hrs @ 98°F / 37°C	
1000 hrs @ 98°F / 37°C	
<b>Water Absorption</b> (ASTM C-413)	0.0001 maximum
<b>Porosity</b> (NACE Stand TM0174)	0.00 Non-porous
<b>Thermal cycling</b> (NTS Climatic Test Cell)	Passed
120 day cycle (-30°F - 140°F / -34°C - 60°C)	
<b>Resistance to elevated temperatures</b> (Mil-D-3134F)	450°F/232°C

## Qualifications

POR-15® can be used in USDA inspected facilities per  
USDA - FSIS Directive, No. 11,000.4

*All of the above performance attributes meet or exceed In-  
dustry and Government standards for coatings in this class*

## Surface Preparation Defined

Surface preparation and repair are the most important prerequisites for durability and protection for any coating system. In fact, lack of proper preparation is responsible for the failure of approximately 95% of all coatings systems. All surfaces must be examined thoroughly to determine surface conditions. Examinations should include checking for peeling and faded paint, dirt, grease, cracking, surface pits, bare areas, mildew, rust, stains and structural problems. Each surface requires its own preparation techniques.

**NOTE - PREVIOUSLY COATED SURFACES:** Maintenance painting will frequently not permit complete removal of old coatings prior to repainting a particular surface. Please recognize that any surface preparation, short of removal of all old coatings, may compromise the service life of the new coating system. Check compatibility of previously painted surfaces using a test patch with the coating. POR-15® works best on properly prepared surfaces free of previous coatings.

## Metal Surface Preparation

### Degreasing & Etching POR-15® Two-Step Method

#### Step 1 - MARINE CLEAN® DEGREASER

MARINE CLEAN™, is a water-based industrial degreaser used for removing all visible oil, grease, soil, dirt, and other soluble contaminants from machinery parts, turbine blades, diesel engines, compressors, transformers, bulkheads, deck plates, bilge areas; removal of oily deposits found in closed systems such as air conditioning, boiler tubes, compressor lines, heat exchangers and coils; removal of light distillates, mineral oils, heavy grease, and all metal surfaces. After using MARINE CLEAN™, thoroughly rinse with clean water and allow to dry prior to using PREP & READY™.

#### Step 2 - PREP & READY ETCHING SOLUTION

After thoroughly degreasing metal surface with MARINE CLEAN™, apply PREP & READY™ to both neutralize any rust and etch any clean bare metal. PREP & READY™ gently etches metal, creating an ideal anchor pattern for coatings such as POR-15®, while simultaneously leaving a zinc phosphate coating to insure chemical bonding of paint and steel. Avoid other preps that may leave harmful residues which prevent proper adhesion. PREP & READY™ is not caustic, corrosive, toxic or flammable.

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 2/11/2013 <b>FPO#:</b> AE09556 - 1660 <b>UIC#:</b> 21560 <b>TYCOM:</b> SURFLANT			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4748  <b>ATTACHED FROM (SHIP):</b> USS WASP (LHD-1)  <b>PRODUCT NAME:</b> MARINE CLEAN DEGREASER  <b>DATE ON SFR:</b> 2/7/2013
NAVICP-M	2/13/2013	MC	<b>NSN/NIIN:</b> --- <b>CAGE:</b> 0RZH3
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> MC MARINE CLEAN
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS                      O=Obsolete; N=Not Determined)
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE
			<b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE
			<b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> C/B2/H - 1 GALLON CAN. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL DATA PROVIDED-SECTION II OF SFR. NO LONGER HAVE AUTHORITY TO GET NSN'S ASSIGNED.



**RECEIVED**  
**FEB 11 2013**  
 BY: **SFR 4748**

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)**  
**FEEDBACK REPORT (SFR)**

*NIS*  
*NIT*  
*NIH*

This form needs to be completed if the hazardous material that you want to purchase is not authorized on your SHML.

SHIP NAME: USS WASP

HULL NUMBER: LHD-1

TYCOM: COMNAVSURFFOR

VIC: 21560

Serial Number:

ASSIGNMENT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** - This is equipment/ material requested for use in HAZMAT REQUESTED BY THE CO FOR USE IN PRESERVATION OF C5I DEPARTMENT SPACES. HAZMAT WILL BE SPECIFICALLY USED FOR FAN ROOMS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA** *NO TECHNICAL DATA*

MAINTENANCE INDEX PAGE (MIP) #: NONE

MAINTENANCE REQUIREMENT CARD (MRC #: NONE

APL OR AEL: NONE

TECH MANUAL: NONE

REV.

ESTIMATED YEARLY REQUIREMENT: 5

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

MANUFACTURER: POR-15 INC / CAGE #: 0RZH3

PHONE: 973 - 479 - 7384

ITEM OR TRADE NAME: MARINE CLEAN DEGREASER (*CORROSION PREVENTIVE COMPOUND*)PART NUMBER OR SPECIFICATION: POR-15 MARINE CLEAN DEGREASER  
*MC, MARINE CLEAN*

UNIT OF ISSUE: CO

UNIT OF MEASURE: (1) 5 GAL

*22.50 gal*

**IV. ENDORSEMENTS**

*C/B2/H*

REQUESTOR'S NAME: ROEL OROZCO

RANK: LT

EMAIL: orozcor@lhd1.navy.mil

DATE PREPARED: 2/7/2013

ENDORSEMENT BY: BOARDMAN, G. M.

RANK: CAPT

EMAIL: boardman@lhd1.navy.mil

DATE: 2/7/2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material.

Electronic submission of SHML Feedback Report constitutes D's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
 P.O. Box 2020, Code M0772.22  
 5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
 Fax: DSN 430-2480 or COM 717-605-3480  
 Email: wraps.prime.fct@navy.mil



# MATERIAL SAFETY DATA SHEET

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Marine Clean  
Part No. MC  
Revision 2 ♦ October 26, 2010

CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## Section 1

## • PRODUCT AND COMPANY IDENTIFICATION •

## Section 1

Product Numbers MC  
Product Name Marine Clean  
Synonyms None  
Products Uses Cleaner  
Revision Number 1  
Revision Date October 26, 2010  
Print Date February 9, 2011

24 hr Emergency  
Phone Number

**800-424-9300**  
(Chemtrec)

MANUFACTURER INFORMATION		DISTRIBUTOR INFORMATION	
Company Name	POR-15, Inc.	Company Name	
Address	PO Box 1235 Morristown NJ 07962	Address	
Phone Number	973-887-1999	Phone Number	
Fax Number	973-887-8007	Fax Number	

## Section 2

## • HAZARDS IDENTIFICATION •

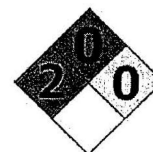
## Section 2

### EMERGENCY OVERVIEW

OSHA Classification This product is a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

European Classification Xn, Xi, C  
R 20/21/22-34-36/38  
S 1/2-26-36/37/39-45-46

WHMIS Classification D2A, D2B



HEALTH HAZARDS				PHYSICAL HAZARDS			
Irritant	<input checked="" type="checkbox"/>	Sensitizer	<input type="checkbox"/>	Combustible	<input type="checkbox"/>	Explosive	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Flammable	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Corrosive	<input checked="" type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Compressed Gas	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
						Pyrophoric	<input type="checkbox"/>
						Water Reactive	<input type="checkbox"/>
						Unstable	<input type="checkbox"/>

★ See Section 11

LABELING REQUIREMENTS			
CANADA	UNITED STATES	EUROPE & AUSTRALIA	GHS
	ANGER CONTENTS CORROSIVE		



# MATERIAL SAFETY DATA SHEET

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CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## POTENTIAL HEALTH EFFECTS AND SIGNS / SYMPTOMS OF EXPOSURE

Eye Contact	Corrosive! May cause burning or irritation with symptoms of reddening, tearing, stinging, and swelling. May cause corneal injury.
Skin Contact	Corrosive! May cause burning or irritation with symptoms of reddening, itching, and swelling.
Ingestion	Corrosive! May cause burning or irritation. Symptoms may include abdominal pain, nausea, vomiting, diarrhea or death.
Inhalation	May cause respiratory irritation
Effects of Chronic Exposure	Not Available
Medical Conditions Aggravated	May aggravate pre-existing conditions associated with the target organs.
Target Organs	Eyes, Skin, Respiratory System
Routes of Exposure	Skin contact, eye contact, inhalation
Potential Environmental Effects	See Section 12 for environmental effects

## Section 3

### • COMPOSITION / INFORMATION ON INGREDIENTS •

## Section 3

ID	INGREDIENT	CAS NUMBER	EINECS	EU CLASSIFICATION	% WT
1	Water	007732-18-5	231-791-2	Not Classified in Annex I of Directive 67/548/EEC	—
2	Ethylene Glycol Monobutyl Ether	000111-76-2	203-905-0	Xn, Xi; 20/21/22-36/38	3 - 7
3	Nonylphenol Ethoxylate	026027-38-3	500-045-0	Not Classified in Annex I of Directive 67/548/EEC	—
4	Potassium Hydroxide	001310-58-3	215-181-3	C; 22-34	1 - 5

Risk Phrases	See Section 15 for risk phrase text
LD50 and LC50 Information	See Section 11 for toxicological information
Occupational Exposure Limits	See Section 8 for OELs

## Section 4

### • FIRST AID MEASURES •

## Section 4

Ingestion	DO NOT INDUCE VOMITING! Do not give anything by mouth to an unconscious individual. Consult a physician immediately.
Skin Contact	Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. Remove contaminated clothing.
Eye Contact	Check for and remove any contact lenses. Immediately flush with clear water for at least 15 minutes, including under the eyelids. Get medical attention immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
Notes to Physician	Treat symptomatically
Antidotes	No specific antidote

## Section 5

### • FIRE FIGHTING MEASURES •

## Section 5

Flash Point	Non-Flammable
Autoignition Temperature	Non-Flammable
Explosive Limits	Non-Flammable
Conditions of Flammability	Heat, sparks, flame, red hot metal
Extinguishing Media	Use extinguishing media suitable for nearby materials
Unsuitable Extinguishing Media	Not applicable
Hazardous Combustion Products	oxides of carbon (CO, CO <sub>2</sub> ), smoke, and vapors
Sensitivity to Mechanical Impact	Probably not sensitive as material is stable.
Sensitivity to Static Discharge	Probably not sensitive as material is non-flammable.





# MATERIAL SAFETY DATA SHEET

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CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

**Special Equipment and Precautions** Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

**Special Explosion Hazards** CORROSIVE LIQUID.

**Autoreactivity / Oxidizing Properties** Not available

## Section 6

### • ACCIDENTAL RELEASE MEASURES •

## Section 6

**Personal Precautions** Use personal protection recommended in Section 8. Isolate hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions** Keep out of drains, sewers, ditches, and waterways.

**Containment Procedures** Released content may be contained with absorbent pads, booms, and/or absorbents suitable for water-based materials.

**Cleanup Procedures** For small spills dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid. For large spills stop leak if without risk. Use water spray to reduce vapors. Call for assistance on disposal and cleanup.

**Other Information** The North American Emergency Response Guidebook, the Australian Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76), or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.

**Prohibited Materials** Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

**Reporting Requirements** Report releases that reach surface water or groundwater in any amount. Spills, leaks, and overfills from a regulated underground storage tank should also be reported. Reportable quantities for spills onto the ground depend on site conditions, such as the type of soil and the type of material spilled, and Federal and local agencies often have different reportable quantities. If you are unsure of your reporting requirements contact the regulating agency in your area.

## Section 7

### • HANDLING AND STORAGE •

## Section 7

**Precautions for Safe Handling and Use** KEEP OUT OF THE REACH OF CHILDREN.

**Storage Requirements and Conditions** Keep containers tightly closed and stored in a well-ventilated place. Store away from incompatible materials.

**Special Packaging Materials** Not applicable.

## Section 8

### • EXPOSURE CONTROLS / PERSONAL PROTECTION •

## Section 8

#### Occupational Exposure Limits

ID	UNITED STATES OSHA PEL	UNITED STATES NIOSH REL	UNITED STATES NIOSH IDLH	UNITED STATES ACGIH TLV	AUSTRALIA TWA	GERMANY MAK	JAPAN OEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	50 ppm	5 ppm	700 ppm	20 ppm	20 ppm	20 ppm	N/E
3	N/E	N/E	N/E	N/E	N/E	N/E	N/E
4	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	N/E	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	N/E	2 mg/m <sup>3</sup> C

ID	CANADA ALBERTA OEL	CANADA BC TWA	CANADA ONTARIO TWA/VEV	CANADA QUEBEC TWA	MEXICO MPEL-PTA	UNITED KINGDOM WEL	UNITED STATES AIHA WEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	25 ppm	20 ppm	20 ppm	25 ppm	25 ppm	25 ppm	N/E
3	N/E	N/E	N/E	N/E	N/E	N/E	N/E
4	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	N/E	2 mg/m <sup>3</sup> C	N/E

**Engineering Measures** Use local exhaust to control air concentration levels below the recommended exposure levels.

**Biological Exposure Indices** None established.



# MATERIAL SAFETY DATA SHEET

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**Marine Clean**  
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CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NOHSC:2011(2003), AND CANADIAN CPR

## General Hygiene Considerations

*Avoid breathing vapors and contact with the skin and eyes. Always replace lid when not in use. Keep out the reach of children. Wash hands after use.*

## Thermal Hazards

*This product does not present a thermal hazard.*

## PERSONAL PROTECTIVE EQUIPMENT



## Respiratory Protection

*Wear an appropriate respirator when ventilation is not adequate. In the United States ensure compliance with OSHA standard 29 CFR 1910.134.*

## Skin Protection

*Ensure any exposed skin is covered by using chemical protective boots, gloves, coveralls, and/or other resistant protective clothing.*

## Eye/Face Protection

*Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles or a full face shield are recommended.*

## Other Protective Equipment

*Safety showers and eye-wash stations should be available in the workplace near where the material will be used.*

## Section 9

## • PHYSICAL AND CHEMICAL PROPERTIES •

## Section 9

Boiling Point	> 212 °F (100.0 °C)	Melting / Freezing Point	> 32 °F (0.0 °C)
Flash Point	Non-Flammable	Autoignition Temperature, Liquid	Non-Flammable
Explosive Limits	Non-Flammable	Decomposition Temperature	Not Available
Flammability	Non-Flammable	Density (H <sub>2</sub> O = 1)	1.027 g/cc
Molecular Weight	Not Available	Weight	8.573 lbs/gal
Vapor Pressure	Not Available	pH	9.5 - 13.1
Vapor Density	Not Available	Evaporation Rate (BuAc = 1)	Not Available
Physical State	Liquid	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion	Not Available
Odor	Mild	Water Solubility	Not Available
Appearance / Color	Clear colorless		
Percent Volatile	92% Wt (93% Vol) Max	VOC Content	0.428 lbs/gal (45.057 g/L)
Percent VOC	5% Wt (6% Vol) Max	HAP Content	None
Solids Content	None	Maximum Incremental Reactivity	0.146

## Section 10

## • STABILITY AND REACTIVITY •

## Section 10

Stability	Stable
Physical Hazards	Corrosive liquid
Conditions to Avoid	Not Available
Hazard Polymerization	Will not occur
Material Incompatibility	Strong oxidizing agents, reducing agents, acids
Conditions of Reactivity	Not Available
Decomposition Products	H <sub>2</sub>



# MATERIAL SAFETY DATA SHEET

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## Section 11

### • TOXICOLOGICAL INFORMATION •

## Section 11

Irritancy of Product	The following ingredients are eye irritants: Butyl Cellosolve, Potassium Hydroxide. The following ingredients are skin irritants: Butyl Cellosolve, Potassium Hydroxide.
Sensitization to Product	None of the ingredients are known or suspected sensitizers
Carcinogen Data	None of the ingredients are known or suspected carcinogen
Reproductive Toxicity	None of the ingredients are known or suspected reproductive toxins
Teratogenicity	None of the ingredients are known or suspected teratogens
Mutagenicity	None of the ingredients are known or suspected mutagens
Synergistic Products	No known synergistic properties.

#### LD<sub>50</sub> and LC<sub>50</sub> Information

ID	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
1	> 89000 mg/kg, rat	Not Available	Not Available
2	470 mg/kg, rat	220 mg/kg, rabbit	2211 mg/m <sup>3</sup> /4 hr, rat
3	1410 mg/kg, rat	2830 mg/kg, rabbit	Not Available
4	365 mg/kg, rat	> 1260 mg/kg, rabbit	Not Available

## Section 12

### • ECOLOGICAL INFORMATION •

## Section 12

Mobility	Not Available
Persistence	Not Available
Degradability	Not Available
Bioaccumulation	Not Available
Other Ecologic Data	Do not allow to enter waters, waste water, or soil.
Effects on the Ozone Layer	This product does not contain any ozone depleting ingredients.

#### Ecotoxicity

ID	FISH	INVERTEBRATES	AQUATIC PLANTS	MICROORGANISMS
1	Not Available	Not Available	Not Available	Not Available
2	LC50: 1490 mg/L /96 hr	EC50: 1720 mg/L /24 hr	LOEC: 900 mg/L /7 day	EC5: 911 mg/L /48 hr
3	LC50: 188.2 mg/L /48 hr	LC50: 21.4 mg/L /48 hr	EC50: 17 mg/L /48 hr	Not Available
4	LC50: 85 mg/L /24 hr	Not Available	Not Available	Not Available

## Section 13

### • DISPOSAL CONSIDERATIONS •

## Section 13

Waste Disposal	Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
Waste Disposal of Packaging	Consult with local landfill to determine if empty small containers can be disposed of regular trash pickup.  For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
Landfill Precautions	Not Available
Incineration Precautions	Not Available



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## Section 14

## • TRANSPORTATION INFORMATION •

## Section 14

### DOT SHIPPING INFORMATION (United States)



PROPER SHIPPING NAME: ... Consumer Commodity  
HAZARD CLASS: ... ORM-D  
PACKING GROUP: ...  
UN or ID NUMBER: ...  
NAERG GUIDE NUMBER: ... 171

### ICAO/IATA SHIPPING INFORMATION (International Air)



PROPER SHIPPING NAME: ... Consumer Commodity  
HAZARD CLASS: ... 9  
PACKAGING GROUP: ...  
UN or ID NUMBER: ... ID8000

### IMDG SHIPPING INFORMATION (International Ocean)



PROPER SHIPPING NAME: ... Potassium Hydroxide solution  
CLASS: ... 8  
PACKAGING GROUP: ... III  
SUBSIDIARY RISK(S): ...  
UN or ID NUMBER: ... UN1814  
PACKING INSTRUCTIONS: ... P001, LP01  
EmS NO.: ... F-A, S-B  
STOWAGE: ... Category A  
MFAG NO.: ... 705

### ADR SHIPPING INFORMATION (European Union)



PROPER SHIPPING NAME: ... Potassium Hydroxide solution  
ADR CLASS: ... 8  
PACKAGING GROUP: ... III  
UN or ID NUMBER: ... UN1814  
CLASSIFICATION CODE: ... C5  
HAZARD IDENTIFICATION NO: ... 80  
EMERGENCY ACTION CODE: ... 2R

### TDG SHIPPING INFORMATION (Canada)



PROPER SHIPPING NAME: ... Potassium Hydroxide solution  
HAZARD CLASS: ... 8  
PACKAGING GROUP: ... III  
UN or ID NUMBER: ... UN1814

### NMFC DESCRIPTION (United States)

ITEM DESCRIPTION: Compounds Cleaning, NOI  
ITEM NUMBER: 48580 Sub 3  
CLASS: 55

## Section 15

## • REGULATORY INFORMATION •

## Section 15

### United States - Federal

ID	TSCA INVENTORY	SARA 302 EHS	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	CHRONIC	PRESSURE	CLEAN AIR ACT	CLEAN WATER ACT
1	✓	—	—	—	—	—	—	—	—	—	—	—
2	✓	—	—	—	5 %	—	—	✓	✓	—	—	—
3	✓	—	—	—	—	—	✓	✓	✓	—	—	—
4	✓	—	—	—	1000 #	—	—	—	—	—	—	—

### United States - States

ID	CALIFORNIA	DELAWARE	FLORIDA	MASSACHUSETTS	PENNSYLVANIA	MINNESOTA	NEW JERSEY	NEW YORK	WASHINGTON
1	—	—	—	—	—	—	—	—	—
2	—	—	✓	2,4,6 F8	—	AO	—	—	✓
3	—	—	—	—	—	—	—	—	—
4	—	✓	✓	4, 5 F8	E	A	—	✓	✓

### Canada

ID	A	B	C	D1A	D1B	D2A	D2B	D3	E	DSL	CHEMICAL LISTS NDSL	NPRI	CWC
1	—	—	—	—	—	—	—	—	—	✓	—	—	—
2	—	B3	—	—	—	✓	✓	—	—	✓	—	1A, 5	—
3	—	—	—	—	—	—	—	—	—	✓	—	—	—
4	—	—	—	—	✓	—	—	—	✓	✓	—	—	—

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### European Union

CODE	RISK PHRASES
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R 34	Causes burns
R 36/38	Irritating to eyes and skin

CODE	SAFETY PHRASES
S 1/2	Keep locked up and out of the reach of children
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 36/37/39	Wear suitable protective clothing, gloves & eye/face protection



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CODE	SAFETY PHRASES
S 45	In case of accident or if you feel unwell, seek medical advice immediately
S 46	If swallowed, seek medical advice immediately

## RoHS Compliance



This product is RoHS compliant according to the definitions and restrictions given by Directive 2002/95/EC and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## Australia

### Poisons Schedule Number

None of the ingredients are present at or above a concentration necessary for allocation of a Poisons Schedule Number.

### Chemical Inventory Status

All of the ingredients are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.

## Section 16

## • OTHER INFORMATION •

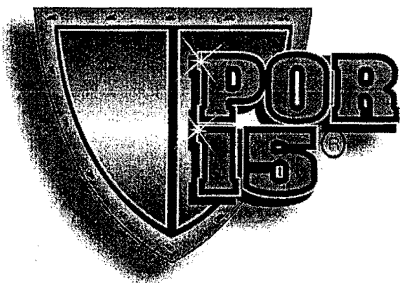
## Section 16

### Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

### Revision History

Revision 1, 08/19/2010, Original  
Revision 2, 10/26/2010, Clarified EU information in Section 3

**POR-15® MARINE CLEAN™ Degreaser****MARINE CLEAN™ - Surface Preparation****Product Description**

MARINE-CLEAN™ cleans and degreases in one application without leaving residues, noxious fumes or flammable solvents.

Use MARINE-CLEAN™ for cleaning and degreasing machinery parts, turbine blades, diesel engines, compressors, transformers, bulkheads, deck plates, bilge areas; removal of oily deposits found in closed systems such as air conditioning, boiler tubes, compressor lines, heat exchangers and coils; removal of light distillates, mineral oils, heavy grease, degreasing all metal surfaces, plastics, wood, fiberglass, painted surfaces.

- Biodegradable aqueous cleaning agent
- Low sudsing
- Broad materials and surface compatibility
- Non-corrosive
- Does not contain petroleum or caustic chemicals
- Non-flammable

**Typical Applications**

Removal of dirt, grease, and soil from components to avoid contamination.

Cosmetic cleaning of components or surfaces after use, disassembly, or for aesthetics.

Pre-paint cleaning and degreasing prior to the application of paint or primer to aid coating adhesion.

Pre-plate cleaning prior to plating, welding, anodizing, or similar surface finishing to aid adhesion of the surface finish.

Pre-bond cleaning prior to the application of an adhesive or sealant to aid in bonding one surface or component to another.

Hydraulic components and bearings that require a high level of cleanliness due to close tolerances and other physical parameters.

**Physical Data**

APPEARANCE	Clear Liquid
BOILING POINT	212°F / 100°C
MELTING POINT	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
EVAPORATION RATE	> 1
WATER SOLUBILITY	100%
MIXTURE RATIO	Heavy - 1:1 Moderate - 1:5 Light - 1:10

**Test Data**

Flash Point (ASTM D93)	No Flash Point
Biodegradability (ASTM D2667)	Biodegradable
Specific Gravity (ASTM D891)	1.020
pH Content (ASTM E70)	8.5
Sudsing Test (FED-STD-536)	Low Sudsing

**Materials and Surface Compatibilities**

STAINLESS STEEL	IRON	ALUMINIUM*
BRONZE & BRASS*	MAGNESIUM	SUPER ALLOYS*
RUBBER COMPOUNDS	FABRICS	THERMO PLASTICS
CARBON & LOW ALLOY STEEL	COPPER	COATED SURFACES
THERMOSET PLASTICS	FIBERGLASS	CONCRETE

*\*Exposure should be limited to brief periods of time*

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
 FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/11/2013 FPO#: AE09556 - 1660 UIC#: 21560 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4749  ATTACHED FROM (SHIP): USS WASP (LHD-1)  PRODUCT NAME: PREP AND READY SOLUTION  DATE ON SFR: 2/7/2013
NAVICP-M	2/13/2013	MC	NSN/NIIN: - - - CAGE: 0RZH3
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MR PREP AND READY
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE  MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE  AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/C1/H 1 GALLON CAN. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL DATA PROVIDED-SECTION II OF SFR. NO LONGER HAVE AUTHORITY TO GET NSN'S ASSIGNED.



Current Date: 2/10/2013

RECEIVED

FEB 11 2013

BY: SFR 4749

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

MS  
NIT  
N1H

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your Z-SHML

SHIP NAME USS WASP

SHIP ACRONYM: LHD-1

TYCOM: COMNAVSURFFOR

UIC: 21560

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (to include equipment/application this material is to be used for)  
HAZMAT REQUESTED BY THE CO FOR USE IN PRESERVATION OF C5I DEPARTMENT SPACES. HAZMAT WILL  
BE SPECIFICALLY USED FOR FAN ROOMS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA *NO TECHNICAL DATA*

MAINTENANCE INDEX PAGE (MIP) #: NONE

MAINTENANCE REQUIREMENT CARD (MRC #: NONE

APL OR AEL: NONE

TECH MANUAL: NONE

REV.

ESTIMATED YEARLY REQUIREMENT: 5

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: - - -

MANUFACTURER: POR-15 INC / CAGE #: ORZH3

PHONE: 973 - 479 - 7384

ITEM OR TRADE NAME: PREP AND READY SOLUTION (CORROSION PREVENTIVE COMPOUND)

PART NUMBER OR SPECIFICATION: *MR*  
PREP AND READY

UNIT OF ISSUE: CO

UNIT OF MEASURE: (1) 5 GAL

33.50 gal.

IV. ENDORSEMENTS

REQUESTOR'S NAME: ROEL OROZCO

RANK: LT

EMAIL: orozcor@lhd1.navy.mil

DATE PREPARED: 2/7/2013

COMMANDER'S NAME: BOARDMAN, G. M.

RANK: CAPT

EMAIL: boardman@lhd1.navy.mil

DATE: 2/7/2013

SIGNATURE: *[Signature]*

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-2480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil





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## Section 1

### • PRODUCT AND COMPANY IDENTIFICATION •

## Section 1

Product Numbers *MR*  
Product Name *Prep & Ready™*  
Synonyms *None*  
Products Uses *Cleaner*  
Revision Number *3*  
Revision Date *January 10, 2012*  
Print Date *January 10, 2012*

24 hr Emergency  
Phone Number

**800-424-9300**  
(Chemtrec)

MANUFACTURER INFORMATION		DISTRIBUTOR INFORMATION	
Company Name	<i>POR-15, Inc.</i>	Company Name	
Address	<i>PO Box 1235 Morristown NJ 07962</i>	Address	
Phone Number	<i>973-887-1999</i>	Phone Number	
Fax Number	<i>973-887-8007</i>	Fax Number	

## Section 2

### • HAZARDS IDENTIFICATION •

## Section 2

### EMERGENCY OVERVIEW

OSHA Classification *This product is a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.*

European Classification *N, C  
R 34-36/38-50/53  
S 1/2-26-45-60-61*

WHMIS Classification *E*



HEALTH HAZARDS				PHYSICAL HAZARDS			
Irritant	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>	Combustible	<input type="checkbox"/>	Explosive	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Flammable	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Corrosive	<input checked="" type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Compressed Gas	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
						Pyrophoric	<input type="checkbox"/>
						Water Reactive	<input type="checkbox"/>
						Unstable	<input type="checkbox"/>

### LABELING REQUIREMENTS

CANADA	UNITED STATES	EUROPE & AUSTRALIA	GHS
	DANGER CONTENTS CORROSIVE		



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## POTENTIAL HEALTH EFFECTS AND SIGNS / SYMPTOMS OF EXPOSURE

Eye Contact	Corrosive! May cause burning or irritation with symptoms of reddening, tearing, stinging, and swelling. May cause corneal injury.
Skin Contact	Corrosive! May cause burning or irritation with symptoms of reddening, itching, and swelling.
Ingestion	Corrosive! May cause burning or irritation. Symptoms may include abdominal pain, nausea, vomiting, diarrhea or death.
Inhalation	May cause respiratory irritation
Effects of Chronic Exposure	Phosphoric acid can irritate the lungs. Repeated overexposure may cause bronchitis.
Medical Conditions Aggravated	May aggravate pre-existing conditions associated with the target organs.
Target Organs	Eyes, Skin, Respiratory System
Routes of Exposure	Skin contact, eye contact, inhalation
Potential Environmental Effects	See Section 12 for environmental effects

## Section 3

### • COMPOSITION / INFORMATION ON INGREDIENTS •

## Section 3

ID	INGREDIENT	CAS NUMBER	EINECS	EU CLASSIFICATION	% WT
1	Water	007732-18-5	231-791-2	Not Classified in Annex I of Directive	—
2	Nonylphenol Ethoxylate	026027-38-3	500-045-0	Not Classified in Annex I of Directive	—
3	Phosphoric Acid	007664-38-2	231-633-2	C, 34-36/38	3 - 7
4	Zinc Phosphate	007779-90-0	231-944-3	N, 50/53	3 - 7

Risk Phrases	See Section 15 for risk phrase text
LD50 and LC50 Information	See Section 11 for toxicological information
Occupational Exposure Limits	See Section 8 for OELs

## Section 4

### • FIRST AID MEASURES •

## Section 4

Ingestion	DO NOT INDUCE VOMITING! Do not give anything by mouth to an unconscious individual. Consult a physician immediately.
Skin Contact	Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. Remove contaminated clothing.
Eye Contact	Check for and remove any contact lenses. Immediately flush with clear water for at least 15 minutes, including under the eyelids. Get medical attention immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
Notes to Physician	Treat symptomatically
Antidotes	No specific antidote

## Section 5

### • FIRE FIGHTING MEASURES •

## Section 5

Flash Point	Non-Flammable
Autoignition Temperature	Non-Flammable
Explosive Limits	Non-Flammable
Conditions of Flammability	Heat, sparks, flame, red hot metal
Extinguishing Media	Use extinguishing media suitable for nearby materials
Unsuitable Extinguishing Media	Water jet or water-based fire extinguishers
Hazardous Combustion Products	oxides of carbon (CO, CO <sub>2</sub> ), smoke, and vapors
Sensitivity to Mechanical Impact	Probably not sensitive as material is stable.
Sensitivity to Static Discharge	Probably not sensitive as material is non-flammable.



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**Special Equipment and Precautions** Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

**Special Explosion Hazards** CORROSIVE LIQUID.

**Autoreactivity / Oxidizing Properties** Not available

## Section 6

## • ACCIDENTAL RELEASE MEASURES •

## Section 6

**Personal Precautions** Use personal protection recommended in Section 8. Isolate hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions** Keep out of drains, sewers, ditches, and waterways.

**Containment Procedures** Released content may be contained with absorbent pads, booms, and/or absorbents suitable for water-based materials.

**Cleanup Procedures** For small spills dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid. For large spills stop leak if without risk. Use water spray to reduce vapors. Call for assistance on disposal and cleanup.

**Other Information** The North American Emergency Response Guidebook, the Australian Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76), or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.

**Prohibited Materials** Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

**Reporting Requirements** Report releases that reach surface water or groundwater in any amount. Spills, leaks, and overfills from a regulated underground storage tank should also be reported. Reportable quantities for spills onto the ground depend on site conditions, such as the type of soil and the type of material spilled, and Federal and local agencies often have different reportable quantities. If you are unsure of your reporting requirements contact the regulating agency in your area.

## Section 7

## • HANDLING AND STORAGE •

## Section 7

**Precautions for Safe Handling and Use** KEEP OUT OF THE REACH OF CHILDREN.

**Storage Requirements and Conditions** Keep containers tightly closed and stored in a well-ventilated place. Store away from incompatible materials.

**Special Packaging Materials** Not applicable.

## Section 8

## • EXPOSURE CONTROLS / PERSONAL PROTECTION •

## Section 8

### Occupational Exposure Limits

ID	UNITED STATES OSHA PEL	UNITED STATES NIOSH REL	UNITED STATES NIOSH IDLH	UNITED STATES ACGIH TLV	AUSTRALIA TWA	GERMANY MAK	JAPAN OEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1000 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
4	N/E	N/E	N/E	N/E	N/E	N/E	N/E

ID	CANADA ALBERTA OEL	CANADA BC TWA	CANADA ONTARIO TWA/VEV	CANADA QUEBEC TWA	MEXICO MPEL-PTA	UNITED KINGDOM WEL	UNITED STATES AIHA WEL
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	N/E
4	N/E	N/E	N/E	N/E	N/E	N/E	N/E

**Engineering Measures** Use local exhaust to control air concentration levels below the recommended exposure levels.

**Biological Exposure Indices** None established.



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## General Hygiene Considerations

*Avoid breathing vapors and contact with the skin and eyes. Always replace lid when not in use. Keep out the reach of children. Wash hands after use.*

## Thermal Hazards

*This product does not present a thermal hazard.*

## PERSONAL PROTECTIVE EQUIPMENT



## Respiratory Protection

*Respiratory protection is not anticipated being needed.*

## Skin Protection

*Ensure any exposed skin is covered by using chemical protective boots, gloves, coveralls, and/or other resistant protective clothing.*

## Eye/Face Protection

*Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles or a full face shield are recommended.*

## Other Protective Equipment

*Safety showers and eye-wash stations should be available in the workplace.*

## Section 9

## • PHYSICAL AND CHEMICAL PROPERTIES •

## Section 9

Boiling Point	> 212 °F (100.0 °C)	Melting / Freezing Point	> 32 °F (0.0 °C)
Flash Point	Non-Flammable	Autoignition Temperature, Liquid	Non-Flammable
Explosive Limits	Non-Flammable	Decomposition Temperature	Not Available
Flammability	Non-Flammable	Density (H <sub>2</sub> O = 1)	1.074 g/cc
Molecular Weight	Not Available	Weight	8.966 lbs/gal
Vapor Pressure	Not Available	pH	2.5 - 3.8
Vapor Density	3.4	Evaporation Rate (BuAC = 1)	Not Available
Physical State	Liquid	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion	Not Available
Odor	Low	Water Solubility	Not Available
Appearance / Color	Blue		
Percent Volatile (includes water)	55% Wt (58% Vol) Max	VOC Content	None
Percent VOC	None	HAP Content	None
Solids Content	None	Maximum Incremental Reactivity	None

## Section 10

## • STABILITY AND REACTIVITY •

## Section 10

Stability	Stable
Physical Hazards	Corrosive liquid
Conditions to Avoid	Not Available
Hazard Polymerization	Will not occur
Material Incompatibility	Strong oxidizing agents, powdered metal salts, caustics, chemically active metals, halogens, polymerizable compounds, nitromethane, sodium tetrahydaborate
Conditions of Reactivity	Not Available
Decomposition Products	Phosphorus oxides



# MATERIAL SAFETY DATA SHEET

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CONFORMS TO THE GLOBALLY HARMONIZED SYSTEM (GHS), ANSI Z400.1-2004, EU DIRECTIVE 91/155/EEC & 99/45/EC, OSHA 29 CFR 1910.1200, NIOSH 2011(2003), AND CANADIAN CPR

## Section 11

## • TOXICOLOGICAL INFORMATION •

## Section 11

Irritancy of Product	The following ingredients are eye irritants: Phosphoric Acid. The following ingredients are skin irritants: Phosphoric Acid.
Sensitization to Product	None of the ingredients are known or suspected sensitizers
Carcinogen Data	None of the ingredients are known or suspected carcinogen
Reproductive Toxicity	None of the ingredients are known or suspected reproductive toxins
Teratogenicity	None of the ingredients are known or suspected teratogens
Mutagenicity	None of the ingredients are known or suspected mutagens
Synergistic Products	No known synergistic properties.

### LD<sub>50</sub> and LC<sub>50</sub> Information

ID	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
1	> 89000 mg/kg, rat	Not Available	Not Available
2	1410 mg/kg, rat	2830 mg/kg, rabbit	Not Available
3	1540 mg/kg, rabbit	2740 mg/kg, rabbit	1.7 mg/L /1hr, rabbit
4	Not Available	Not Available	Not Available

## Section 12

## • ECOLOGICAL INFORMATION •

## Section 12

Mobility	Not Available
Persistence	Not Available
Degradability	Not Available
Bioaccumulation	Not Available
Other Ecologic Data	Do not allow to enter waters, waste water, or soil. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Effects on the Ozone Layer	This product does not contain any ozone depleting ingredients.

### Ecotoxicity

ID	FISH	INVERTEBRATES	AQUATIC PLANTS	MICROORGANISMS
1	Not Available	Not Available	Not Available	Not Available
2	LC50: 188.2 mg/L /48 hr	LC50: 21.4 mg/L /48 hr	EC50: 17 mg/L /48 hr	Not Available
3	LC50: 3.5 mg/L /96 hr	EC50: 4.6 mg/L /12 hr	Not Available	EC50: 270 mg/L /24 hr
4	Not Available	Not Available	Not Available	Not Available

## Section 13

## • DISPOSAL CONSIDERATIONS •

## Section 13

Waste Disposal	Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
Waste Disposal of Packaging	Consult with local landfill to determine if empty small containers can be disposed of regular trash pickup.  For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
Landfill Precautions	Not Available
Incineration Precautions	Not Available



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## Section 14

## • TRANSPORTATION INFORMATION •

## Section 14

<b>DOT SHIPPING INFORMATION (United States)</b>  PROPER SHIPPING NAME: ... Consumer Commodity HAZARD CLASS: ... ORM-D PACKING GROUP: ... UN or ID NUMBER: ... NAERG GUIDE NUMBER: ... 171		<b>ICAO/IATA SHIPPING INFORMATION (International Air)</b>  PROPER SHIPPING NAME: ... Consumer Commodity HAZARD CLASS: ... 9 PACKAGING GROUP: ... UN or ID NUMBER: ... ID8000	
<b>IMDG SHIPPING INFORMATION (International Ocean)</b>  PROPER SHIPPING NAME: ... Phosphoric Acid solution CLASS: ... 8 PACKAGING GROUP: ... III SUBSIDIARY RISK(S): ... UN or ID NUMBER: ... UN1805 PACKING INSTRUCTIONS: ... P001, LP01 EmS NO.: ... F-A, S-B STOWAGE: ... Category A MFAG NO.: ... 705		<b>ADR SHIPPING INFORMATION (European Union)</b>  PROPER SHIPPING NAME: ... Phosphoric Acid solution ADR CLASS: ... 8 PACKAGING GROUP: ... III UN or ID NUMBER: ... UN1805 CLASSIFICATION CODE: ... C5 HAZARD IDENTIFICATION NO: ... 80 EMERGENCY ACTION CODE: ... 2R	
<b>TDG SHIPPING INFORMATION (Canada)</b>  PROPER SHIPPING NAME: ... Phosphoric Acid solution HAZARD CLASS: ... 8 PACKAGING GROUP: ... III UN or ID NUMBER: ... UN1805		<b>NMFC DESCRIPTION (United States)</b> ITEM DESCRIPTION: ... Compounds Cleaning, NOI ITEM NUMBER: ... 48580 Sub 3 CLASS: ... 55	

## Section 15

## • REGULATORY INFORMATION •

## Section 15

### United States - Federal

ID	TSCA INVENTORY	SARA 302 EHS	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	CHRONIC	PRESSURE	CLEAN AIR ACT	CLEAN WATER ACT
1	✓	—	—	—	—	—	—	—	—	—	—	—
2	✓	—	—	—	—	—	—	—	—	—	—	—
3	✓	—	—	5000#	—	—	—	✓	✓	—	—	—
4	✓	—	—	—	—	—	—	—	—	—	—	—

### United States - States

ID	CALIFORNIA	DELAWARE	FLORIDA	MASSACHUSETTS	PENNSYLVANIA	MINNESOTA	NEW JERSEY	NEW YORK	WASHINGTON
1	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—
3	—	✓	✓	2,4,5 F8 F9	—	AO	—	✓	✓
4	—	—	—	—	—	—	—	—	—

### Canada

ID	A	B	C	D1A	D1B	D2A	D2B	D3	E	DSL	CHEMICAL LISTS NDSL	NPRI	CWC
1	—	—	—	—	—	—	—	—	—	✓	—	—	—
2	—	—	—	—	—	—	—	—	—	✓	—	—	—
3	—	—	—	—	—	—	—	—	✓	✓	—	1A	—
4	—	—	—	—	—	—	—	—	—	✓	—	—	—

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### European Union

CODE	RISK PHRASES
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R 36/38	Irritating to eyes and skin
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

CODE	SAFETY PHRASES
S 1/2	Keep locked up and out of the reach of children
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 45	In case of accident or if you feel unwell, seek medical advice immediately





# MATERIAL SAFETY DATA SHEET

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CODE	SAFETY PHRASES
S 60	This material and its container must be disposed of as hazardous waste
S 61	Avoid release to the environment.

## RoHS Compliance



This product is RoHS compliant according to the definitions and restrictions given by Directive 2002/95/EC and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## Australia

### Poisons Schedule Number

None of the ingredients are listed on the Poisons Schedule.

### Chemical Inventory Status

All of the ingredients are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.

## Section 16

## • OTHER INFORMATION •

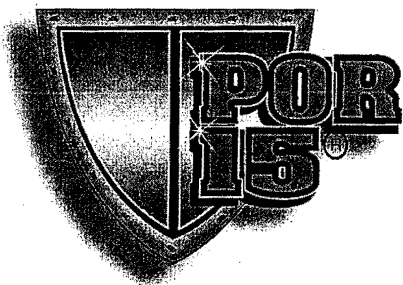
## Section 16

### Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

### Revision History

Revision 1, 09/08/2010, Original  
Revision 2, 10/26/2010, Clarified EU information in Section 3  
Revision 3, 01/10/2012, Minor corrections and clarifications

**POR-15 METAL-READY™****METAL-READY™ - Surface Preparation****Product Description**

METAL-READY™ is a water-based, zinc phosphate metal etching and preparation solution that is non-toxic, non-flammable, non-caustic, and non-corrosive. It etches metal to provide surface profile for superior organic coating adhesion on steel, aluminum, and galvanized metal. It also provides long-term corrosion protection. METAL-READY™ is a biodegradable solution.

- Insures corrosion resistance
- Neutralizes corrosive chemical reactions between metal surfaces and coating solution.
- Provides superior edge corrosion and undercutting resistance.
- Improves Welding Conductivity
- Creates surface profile without the costs and liabilities of sandblasting.
- Non-toxic and non-hazardous

**Advantages**

- Environmentally Safe/Water Base
- Re-Usable
- No Harmful Residues
- Easy to Use
- Provides Smoother Base for Application of all Paints
- Will Restore Rusted Tools
- Can be used on Non-Metallic Surfaces (fiberglass, ceramic)
- Excellent Metal-Prep for Any Paint

**Physical Data**

APPEARANCE	Blue Liquid
BOILING POINT	212°F / 100°C
MELTING POINT	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
EVAPORATION RATE	> 1
WATER SOLUBILITY	100%
MIXTURE RATIO	Do Not Dilute

**Test Data**

Flash Point (ASTM D93)	No Flash Point
Biodegradability (ASTM D2667)	Biodegradable
Specific Gravity (ASTM D891)	1.115
pH Content (ASTM E70)	8.5



## Interesting Facts You Should Know Before You Paint

In every car manufacturing facility, steel in different parts of the body comes from different production lots, and surface texture varies with the condition of the steel mill rolls which cold roll the steel to its final thickness. Also, surface cleanliness varies with the mill's cleaning procedure, especially the procedures used to control carbon smut. Often, carbon smut is actually baked onto the steel during the high temperature annealing process which follows rolling. This carbon smut is impossible to remove except by mechanical abrasion. Rust varies with the care taken in (1) handling at the steel mill, (2) during transportation and storage, and (3) during fabrication. Steel stored for a long time with rust inhibiting oil will react to form an incomplete oxide known as oil stain. The result of all this is that ordinary steel varies widely in the manner in which it accepts coatings. Although some commercial steel provides an excellent surface for coatings, you are just as likely to find steel which gives poor adhesion and poor rust resistance, even with good coatings. Often the same mill will produce both very good and very poor surface quality, depending upon a number of uncontrolled factors. Nearly all of the above problems can be overcome by using METAL-READY before you coat with POR-15 Rust Preventive Paint.

### What is Metal-Ready?

- Metal-Ready is a special water-based liquid formulation that is non-toxic, non-flammable, non-caustic, and non-corrosive.

### What does Metal-Ready do?

- Metal-Ready performs the following tasks:
  1. Dissolves most of the surface rust, leaving the area ready to be painted.
  2. Etches metal to provide a better surface profile for painting.
  3. Coats the metal with zinc phosphate to inhibit further rusting and promote better paint adhesion.
  4. Improves welding conductivity.
  5. Removes rust stains from non-metallic surfaces such as porcelain, ceramic, fiberglass.
  6. Metal Ready will remove ALL of the rust on the surface if metal is left in solution to soak.

### Is it always necessary to apply Metal-Ready first before using POR-15 Rust Preventive Paint?

- No, Metal-Ready must be used when:
  1. Painting on galvanized metal.
  2. Painting on aluminum.
  3. Painting on stainless steel.
  4. Painting on smooth, polished, or new metal surfaces.

### Should I use Metal-Ready when applying paints other than POR-15?

- Absolutely...Metal-Ready is an excellent metal prep for any paint.

### Can I use Metal-Ready to restore rusted tools?

- Yes you can. Fill a shallow tray with Metal-Ready and put in the tool overnight, or until all rust is dissolved.

### Should I use Metal-Ready inside my gas tank before sealing it?

- Yes...assuming your gas tank is clean inside, using Metal-Ready first will insure that you will get the best possible adhesion with your gas tank sealer.

### Must I wash off the Metal-Ready after using it?

- Yes...If Metal Ready is not rinsed off you will get a large accumulation of zinc phosphate on the surface which will affect proper adhesion with POR-15. After you rinse/wipe with wet rag, you can dry the surface with warm air(hair dryer) or towels to cut down on the surface rust. However, because POR-15 is a non-porous coating and can be applied directly over rust, you CAN apply it directly over surface rust.

*Special note: Metal Ready is designed to leave behind a zinc phosphate coating which creates the best surface to coat with POR-15.*

### Will Metal-Ready harm paint, rubber, or vinyl?

- Not when used according to directions.

### Does temperature affect the action of Metal-Ready?

- Yes. Metal-Ready will work more efficiently when used in a temperature range between 65 and 90 degrees Fahrenheit.

### What other uses are there for Metal-Ready?

- Use Metal-Ready on water tanks, plumbing systems, air conditioners, humidifiers, radiators, etc., to flush out rust and lime and chemical buildup; remove rust from brake parts, rims, brake drums, air lines; use to clean circuit boards and die sets.

### Can I Re-use Metal-Ready?

Yes, you can; just filter out the waste periodically to keep it in usable condition.

## Comparison against other SSPC Preparation Standards

POR-15®, Inc. developed a two-step preparation system that is a modified SSPC I method using MARINE CLEAN™ degreaser (step 1) and METAL-READY™ zinc phosphate (step 2) solution.

This modification was developed due to the limited capabilities of SSPC I solvent cleaning and the difficulties associated with preparing certain surfaces with blast or tool cleaning.

### Surface Preparation Comparison

#### Abrasive Blast Cleaning (SSPC 5,6,7,10,12,14)

Strengths	Weaknesses
Removes scale, rust, and surface contaminants	Creates grit entrapment which damages surrounding equipment
Provides surface profile for adhesion	Distortion or wear of surface and causes mechanical damage
	Containment and contamination issues (particularly in marine environment)

#### Hand & Power Tool (SSPC 2,3)

Strengths	Weaknesses
Removes scale and rust	Does not effectively remove contaminants
Provides surface profile tooth	Only removes loose scale and rust therefore perpetuating rust and corrosion

#### POR-15 Two Step Method (SSPC 1 Modified)

Strengths	Weaknesses
Utilizes scale and rust to provide key for superior adhesion of POR-15®	
Removes surface contaminants	
Zinc phosphate neutralizes rust and corrosion while etching the surface for additional surface profile	
Non-toxic and non hazardous - eliminates risk of contamination and is environmentally safer	
Reduces costs with less downtime and does not require additional or high cost equipment (blasting devices or tools)	

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, February 21, 2013 10:02 AM  
**To:** 'USS DWIGHT D. EISENHOWER'; 'Sesay, Abdul K. LSC (CVN69)'; 'SUPPO'; 'Edenhofer, Lisa A. CWO5 (CVN69)'; 'Wilson, Michael B. LT. (CVN69)'; 'Walker, Edward . HTCS (CVN69)'; 'Eissinger, Jory R. LSC (CVN69)'; 'Hanson, Benjamin E. LS1 (CVN69)'; 'Armendariz, John C. MM1 (CVN69)'; 'Wallace, Richard D. BM2 (CVN69)'; 'Hampton, James K. HT2 (CVN69)'; 'Coleman, Natarious A. LS3 (CVN69)'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS DWIGHT D. EISENHOWER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4750 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Dwight D. Eisenhower (CVN-69)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80  
**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC Abdul Sesay

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4750) POLYURETHANE COATING, (Part# 71031 CLEAR GLOSS; EMR8008), NSN: 8010-01-610-5995  
(d) POC for the USS Dwight D. Eisenhower (CVN-69): LSC Abdul Sesay  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4750 per ref (e):

Mike,

SFR #4750: The SFR requested material (NSN: 8010-01-610-5995, Polyurethane Coating) is listed on the SHML under its T-NICN: 0099-LL-H97-0152 and is already authorized on the Master and CVN Type SHML with an AOB code of R - restricted for use in the wood shop, per SFR #4466. The SHML should be updated to replace the T-NICN with the assigned NSN 8010-01-610-5995. AOB codes and remarks for the T-NICN should remain the same for the NSN.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 8010-01-610-5995 IS APPROVED FOR USE and will be added to the Master SHML and the CV/CVN T-SHML with an AOB code of "R" (RESTRICTED FOR USE IN THE WOOD SHOP).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, February 21, 2013 9:01 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFR #4750  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Dwight D. Eisenhower (CVN 69)

SFR #4750: The SFR requested material (NSN: 8010-01-610-5995, Polyurethane Coating) is listed on the SHML under its T-NICN: 0099-LL-H97-0152 and is already authorized on the Master and CVN Type SHML with an AOB code of (R) - restricted for use in the wood shop, per (SFR #4466). The SHML should be updated to replace the T-NICN with the assigned NSN 8010-01-610-5995. AOB codes and remarks for the T-NICN should remain the same for the NSN.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

F/F4/H

9Q

CV/CVN

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 2/12/2013 <b>FPO#:</b> AE09532 - 2830 <b>UIC#:</b> 03369 <b>TYCOM:</b> SURFLANT			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4750  <b>ATTACHED FROM (SHIP):</b> USS DWIGHT D. EISENHOWER (CVN-69)  <b>PRODUCT NAME:</b> POLYURETHANE COATING  <b>DATE ON SFR:</b> 2/8/2013
NAVICP-M	2/13/2013	MC	<b>NSN/NIIN:</b> 8010-01-610-5995 <b>CAGE:</b> 0K1A4
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> 71031 CLEAR GLOSS; EMR8008
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> F/F4/H 1 GALLON CONTAINER.

AE09532-2830

Current Date: 02/08/2013

**RECEIVED**  
**FEB 12 2013**  
 BY: SFR 4750

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
 FEEDBACK REPORT (SFR)**

NIS  
 NIT  
 NIH

This form needs to be completed if the Hazardous Material  
 that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS DWIGHT D EISENHOWER HULL NUMBER: CVN69 TYCOM: COMNAVAIRFOR  
 UIC: V03369 Serial Number: AIRCRAFT RELATED: Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
 REQUEST POLYURETHANE COATING FOR WOOD BE CONSIDERED FOR APPROVAL ONBOARD CVN-69. MATERIAL IS  
 NEEDED FOR WOODEN PLAQUES AND AWARDS GIVEN TO CREW MEMBERS AND DISTINGUISHED VISITORS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

9Q NSN: 8010 - 01 - 610 - 5995

Cage # K1A4

MANUFACTURER: THOMPSON-MINIWAW CO THE

PHONE: 201 8187500

ITEM OR TRADE NAME: POLYURETHANE COATING

PART NUMBER OR SPECIFICATION:

71031

(CLEAR-GLOSS); POLYURETHANE COATING

EMR 8008

UNIT OF ISSUE: GL

UNIT OF GL

MEASURE:

1 GL CO.

100-275 g/L

**IV. ENDORSEMENTS**

REQUESTORS NAME: SESAY, A. K

RANK: LSC

F/F4/H

EMAIL: SESAYAK@CVN69.NAVY.MIL

DATE PREPARED: 02/08/13

MSOS  
 ATTACHED

COMMANDER OR DESIGNEE NAME: PIOTROWSKI, K

RANK: CDR

EMAIL: piotorkm@cvn69.navy.mil

DATE: 02/08/13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
 the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
 P.O. Box 2020, Code M0772.22  
 5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
 Fax: DSN 430-3480 or COM 717-605-3480  
 Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

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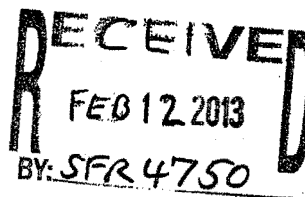
**From:** Sesay, Abdul K. LSC (CVN69) [sesayak@cvn69.navy.mil]  
**Sent:** Tuesday, February 12, 2013 11:30 AM  
**To:** wraps.prime.fct  
**Cc:** SUPPO; Edenhofer, Lisa A. CWO5 (CVN69); Wilson, Michael B. LT. (CVN69); Walker, Edward. HTCS (CVN69); Eissinger, Jory R. LSC (CVN69); Hanson, Benjamin E. LS1 (CVN69); Armendariz, John C. MM1 (CVN69); Wallace, Richard D. BM2 (CVN69); Hampton, James K. HT2 (CVN69); Coleman, Natarious A. LS3 (CVN69)  
**Subject:** SHML FEEDBACK REPORT  
**Attachments:** SHML FEEDBACK REPORT.pdf

ALCON,

Attached above are a SHML Feedback Report and MSDS for the following item:

NSN: 8010-01-610-5995

Nomenclature: Polyurethane Coating



Referenced item is currently not on our SHML and we are hereby requesting for it to be added.

Thanks

Very Respectfully,

LSC Sesay, Abdul

S-8A HAZMAT LCPO

USS Dwight D. Eisenhower.

Email: [sesayak@cvn69.navy.mil](mailto:sesayak@cvn69.navy.mil)

Tel: 757-443-7342



**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, February 13, 2013 2:00 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS DWIGHT D. EISENHOWER; 'Sesay, Abdul K. LSC (CVN69)'; SUPPO; Edenhofer, Lisa A. CWO5 (CVN69); Wilson, Michael B. LT. (CVN69); Walker, Edward . HTCS (CVN69); Eissinger, Jory R. LSC (CVN69); Hanson, Benjamin E. LS1 (CVN69); Armendariz, John C. MM1 (CVN69); Wallace, Richard D. BM2 (CVN69); Hampton, James K. HT2 (CVN69); Coleman, Natarious A. LS3 (CVN69); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS DWIGHT D. EISENHOWER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4750

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80  
**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4750) POLYURETHANE COATING, (Part# 71031 CLEAR GLOSS; EMR8008), NSN: 8010-01-610-5995  
(d) POC for the USS Dwight D. Eisenhower (CVN-69): LSC Abdul Sesay  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the

results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/015  
13 February 2013

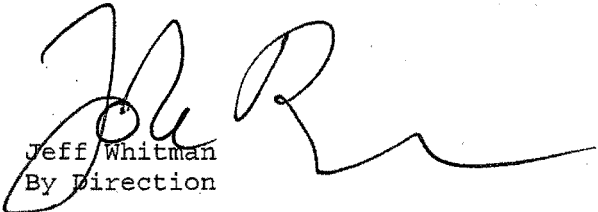
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4750)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4750)  
for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319  
for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, February 19, 2013 4:07 PM  
**To:** 'USS OAK HILL'; 'Costa, Anthony M. LS1'; 'SUPPO'; 'Edwards, Michelle R. LSC'; 'Boehme, Christopher M. FCC'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS OAK HILL: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4751 & 4752 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Oak Hill (LDD-51)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

**Attn:** LS1 (SW) Anthony M. Costa

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4751) BATTERY, ASSEMBLY,  
(Part# M350380 SEALED LEAD ACID BATTERY),  
NSN: 6140-01-453-8592  
(d) (SFR #4752) TORQUE SEAL, SEALING COMPOUND,  
(Part# F-910 TORQUE SEAL, YELLOW),  
NSN: 8030-01-573-2916  
(e) POC for the USS Oak Hill (LSD-51): LS1 (SW) Anthony M. Costa  
(f) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) & (d) SFR's from ref (e). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) & (f). The following information provides the current status of your SFR's.

2. Concerning ref (c) SFR# 4751 per ref (f):

Mike,

SFR #4751: The SFR requested material (NSN: 6140-01-453-8592, Battery Assembly) is required per procedure 2.f of the referenced MRC (GGFE). Therefore, it is recommended that the requested material be listed on the LPD/LSD T-SHML with an AOB code of R.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 6140-01-453-8592 IS APPROVED FOR USE and has been updated in the Master SHML and the LPD/LSD T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Concerning ref (d) SFR# 4752 per ref (f):

Mike,

SFR #4752: The SFR requested material (NSN: 8030-01-573-2916; Torque Seal, Sealing Compound) should remain with an AOB code of P. SPMIG [00041] of the referenced MRC (9PVB) requires NSN: 8030-01-163-3483 (Sealing Compound), which is authorized on the LPD/LSD T-SHML. Therefore, it is recommended that NSN: 8030-01-163-3483 is used in place of the requested material.

Marianne

Therefore, NSN: 8030-01-573-2916 IS NOT APPROVED. In lieu of NSN: 8030-01-573-2916, use NSN: 8030-01-163-3483 which has been updated in the Master SHML and the LPD/LSD T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, February 15, 2013 3:11 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFRs #4751 & #4752  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Oak Hill (LSD-51)

SFR #4751: The SFR requested material (NSN: 6140-01-453-8592, Battery Assembly) is required per procedure 2.f of the referenced MRC (GGFE). Therefore, it is recommended that the requested material be listed on the LPD/LSD T-SHML with an AOB code of R.

SFR #4752: The SFR requested material (NSN: 8030-01-573-2916; Torque Seal, Sealing Compound) should remain with an AOB code of P. SPMIG [00041] of the referenced MRC (9PVB) requires NSN: 8030-01-163-3483 (Sealing Compound), which is authorized on the LPD/LSD T-SHML. Therefore, it is recommended that NSN: 8030-01-163-3483 is used in place of the requested material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*qB - good - A* *CG/CV/DC/LP/MS/OT*  
*V/C/H*

*Ref. → (P)*

*9Q use*  
*A ALL T-SHMLs/yes.*

*F/F8/H*

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 2/14/2013 <b>FPO#:</b> AE09573 – 1739 <b>UIC#:</b> 21598 <b>TYCOM:</b> SURFLANT			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4751  <b>ATTACHED FROM (SHIP):</b> USS OAK HILL (LSD-51)  <b>PRODUCT NAME:</b> BATTERY ASSEMBLY  <b>DATE ON SFR:</b> 2/5/2013
NAVICP-M	2/14/2013	MC	<b>NSN/NIIN:</b> 6140-01-453-8592 <b>CAGE:</b> 0B7R6
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> M350380 SEALED LEAD ACID BATTERY
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) ZZKKH
			<b>MIP:</b> 4111  <b>MRC:</b> 57 GGFE N
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> V/Z4/H 12 BATTERIES EACH.

RECEIVED  
FEB 14 2013  
BY: SFR 4751

AE09573-1739

Current Date: 2/5/2013

(P)

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS OAK HILL HULL NUMBER: LSD 51 TYCOM: COMNAVSURFFOR  
UTC: 21598 Serial Number: 0 AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
PER MRC CARD, LC SEALED LEAD ACID BATTERY IS A CRITICAL REPLACEMENT COMPONENT FOR THE  
SHIP'S SELF DEFENSE SYSTEM COMMAND TABLE. WITHOUT THIS ITEM, IT WILL BE DETREMENTAL TO  
COMMAND READINESS; SUPPORTS QUICK REACTION COMBAT CAPABILITY. THIS MATERIAL IS PROHIBITED  
IN THE SHML. RECOMMEND APPROVAL OF MATERIAL, OR APPROPRIATE SUBSTITUTE TO FACILITATE  
PERIODIC CHECKS OF LAN ACCESS UNIT UNINTERRUPTED POWER SUPPLY.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6140-01-453-8592

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 4111  
MAINTENANCE REQUIREMENT CARD (MRC #: 57 GGFE N APL OR AEL: N/A  
TECH MANUAL: N/A REV. 9-97 ESTIMATED YEARLY REQUIREMENT: 01

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

9B NSN: 6140-01-453-8592 *Cage 0B7R6*  
MANUFACTURER: ~~PANASONIC~~ *QUASAR Power & TECHNOLOGIES INC.* PHONE: 800-424-9300  
ITEM OR TRADE NAME: LC SEALED LEAD ACID BATTERY SERIES *(BATTERY ASSEMBLY)*  
PART NUMBER OR SPECIFICATION: *N/A M350380*  
UNIT OF ISSUE: EA UNIT OF MEASURE: 12 EA *ZZKKH*  
*V/24/H*

**IV. ENDORSEMENTS**

REQUESTORS NAME: LS1 (SW) COSTA RANK: E6  
EMAIL: costaa@l5d51.navy.mil DATE PREPARED: 05 FEB 2013  
COMMANDER OR DESIGNEE NAME: K. A. LANE RANK: CDR  
EMAIL: co@l5d51.navy.mil DATE: 05 FEB 2013  
SIGNATURE: *[Signature]*

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil



## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/14/2013 FPO#: AE09573 - 1739 UIC#: 21598 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4752  ATTACHED FROM (SHIP): USS OAK HILL (LSD-51)  PRODUCT NAME: TORQUE SEAL (SEALING COMPOUND)  DATE ON SFR: 2/5/2013
NAVICP-M	2/14/2013	MC	NSN/NIIN: 8030-01-573-2916 CAGE: 01195
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: F-910 TORQUE SEAL (YELLOW)
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) DDZBY
			MIP: 5832
			MRC: 62 9PVB U
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: F/F4/H 1.50 OUNCE TUBE.

Current Date: 2/7/2013

RECEIVED  
FEB 14 2013  
BY SFR 4752

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

(P)  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS OAK HILL

HULL NUMBER: LSD 51

TYCOM: COMNAVSURFFOR

UIC: 21598

Serial Number: 0

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION**

(To include equipment/application this material is to be used on):  
PER MRC CARD, TORQUE SEAL IS REQUIRED TO ENSURE THERE IS AN ANTI-SABOTAGE SEAL ON THE  
MATING SURFACE OF INFLATION BLOCK ASSEMBLY, AND RETAINER NUT ON AN INFLATABLE LIFE  
PRESERVER. NO SUBSTITUTES ARE AUTHORIZED, AND THIS MATERIAL IS PROHIBITED IN THE SHML.  
RECOMMEND APPROVAL OF MATERIAL, TO FACILITATE PERIODIC CHECKS OF INFLATABLE LIFE  
PRESERVERS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 01-573-2916

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 5832

MAINTENANCE REQUIREMENT CARD (MRC #: 62 9PVB U

APL OR AEL: N/A

TECH MANUAL: N/A

REV. 9-97 ESTIMATED YEARLY REQUIREMENT: 01

**III. MANUFACTURER DATA**

(If requested NSN is provided proceed to section IV)

9Q NSN: 8030 - 01 - 573 - 2916

Cage # 1195

MANUFACTURER: ORGANIC PRODUCTS COMPANY

PHONE: 972 - 438 - 7321

ITEM OR TRADE NAME: TORQUE SEAL (SEALING COMPOUND)

PART NUMBER OR SPECIFICATION: ~~NA~~ F-910 TORQUE SEAL YELLOW

UNIT OF ISSUE: TU

UNIT OF MEASURE: 1.50 OZ

DDZBY  
F/F4/H

**IV. ENDORSEMENTS**

REQUESTORS NAME: LS1 (SW) COSTA

RANK: E-6

EMAIL: costaa@lsd51.navy.mil

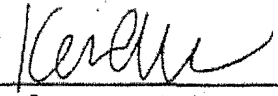
DATE PREPARED: 05 FEB 2013

COMMANDER OR DESIGNEE NAME: K. A. LANE

RANK: CDR

EMAIL: co@lsd51.navy.mil

DATE: 05 FEB 2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

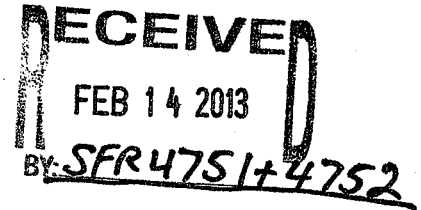
Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Costa, Anthony M. LS1 [costaa@lsd51.navy.mil]  
**Sent:** Thursday, February 14, 2013 12:50 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** SUPPO; Edwards, Michelle R. LSC; Boehme, Christopher M. FCC  
**Subject:** Ship's Hazardous Feedback Report ICO: LC SEALED LEAD ACID BATTERY  
**Attachments:** SFR #2 HOT; SFR 2013 #1



Mr. Celona,

My name is LS1 Costa, onboard USS Oak hill. We have previously submitted SFR's for Review, and seeking approval. Sir, again we respectfully ask to assist us in the materials mentioned in the attachments... I have attached all associated documents, to accompany the SFR cover sheet. When you proceed to open the attachments, please select Adobe on the list to open the files. I thank you in advance, for your assistance in expediting approval for these materials...

Very Respectfully,

LS1 (SW) Anthony M Costa

Hazmat Supervisor

USS Oak Hill LSD 51

FPO, AE 09573

757-494-2865

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, February 14, 2013 3:57 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS OAK HILL; 'Costa, Anthony M. LS1'; SUPPO; Edwards, Michelle R. LSC; Boehme, Christopher M. FCC; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** USS OAK HILL: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4751 & 4752

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4751) BATTERY, ASSEMBLY, (Part# M350380 SEALED LEAD ACID BATTERY), NSN: 6140-01-453-8592  
(d) (SFR #4752) TORQUE SEAL, SEALING COMPOUND, (Part# F-910 TORQUE SEAL, YELLOW), NSN: 8030-01-573-2916  
(e) POC for the USS Oak Hill (LSD-51): LS1 (SW) Anthony M. Costa  
(f) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) & (d) SFR's from ref (e). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) & (f). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (f) for further review and analysis. Upon ref (f) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will

advise all POC's of the final analysis (approval/disapproval) of ref (f) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/015  
14 February 2013


From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT/S (SFR's)

Encl: (1) SHML SFR (SFR# 4751 & 4752)

1. Enclosure (1) contains a packet of two (2) SFR's (SFR# 4751 & 4752) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, August 09, 2013 1:29 PM  
**To:** Merlino, Deborah S NSWCCD Philadelphia, 614; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140  
**Cc:** 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; COMNAVAIRPAC; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (ANSWER): ALL CG, DDG & FFG HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4753

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanders of all DDG, CG, and FFG Hulls

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (UPDATE) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Deborah Merlino of NSWCCD

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4753) SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 CATALYST and AC-735 B-1/2 and B-2 BASE)  
(d) POC FOR (All CG, DDG & FFG Hull's): Deborah Merlino of NSWCCD  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) SFR from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) references (b) and (e). The following information provides the current status of your SFR request.

2. Concerning reference (c) SFR# 4753 per reference (f):

Temporary-Navy Item Control Number (T-NICN) 1H-0099-LL-H98-2207 has rolled over to NSN: 8030-01-620-1558. NSN: 8030-01-620-1558 has been added to the Master SHML and the CG/DDG/FFG T-SHML's with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9KDR).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, February 28, 2013 2:59 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** laconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFR #4753  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

DDG, CG, and FFG classes

SFR #4753: The SFR requested material (NSN: to be assigned, Sealing Compound) is required per Code 614 and the referenced MRC (9KDR). Therefore, the requested material should be submitted for NSN assignment. Upon NSN assignment, the material should be authorized on the Master SHML as well as CG, DDG, and FFG T-SHMLs with an AOB code of R restricted to MRC 9KDR and given an MMI code of Y.

*good - get  
NSN Assigned*

*L IH*

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*CG/DDG/FFG*

*5/17/14*

*LLM982207*

*016201558*

*9Q*

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 2/14/2013 <b>FPO#:</b> CG/DDG - FFG <b>UIC#:</b> N/A <b>TYCOM:</b> SURFLANT			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4753  <b>ATTACHED FROM (SHIP):</b> ALL CG/DDG/FFG HULLS  <b>PRODUCT NAME:</b> AEROSPACE SEALANT  <b>DATE ON SFR:</b> 2/14/2013
NAVICP-M	2/15/2013	MC	<b>NSN/NIIN:</b> --- <b>CAGE:</b> 76381
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> AC-735-B-2 WHICH INCLUDES AC-735-B-2 CATALYST AND AC-735B-1/2 AND B-2 BASE
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> 5882  <b>MRC:</b> 9KDR AND NEW AP CARD
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE 1H-0099-LL-H98-2207 <b>AEL:</b> NONE 9Q-8030-01-620-1558
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> 5/17/11 2 PINT KIT. \$79.38 FOR 2 PINTS. MARIANNE, THE SFR SUBMITTER DEBORAH MERLINO TEL: 215-897-7978 STATED THAT SHE SPOKE WITH YOU AND JOHN EISENBARGER ON THIS NSN ASSIGNMENT REQUEST. WHATEVER DIRECTION YOU GIVE I WILL FOLLOW.

Current Date: 2/15/2013

RECEIVED  
FEB 14 2013  
SFR 4753

SHIP'S HAZARDOUS MATERIALS LIST (SHML) *NIS*  
FEEDBACK REPORT (SFR)

NOT IN DLSC  
OR NAVY SUPPLY  
SYSTEM

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: HULL NUMBER: CGs, DDGs TYCOM: CHOOSE ONE *NIT*  
FFGs *NIH*  
UIC: Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):

NSN for PMS Special Project is opened for Recovery Assist Securing Traversing  
(RAST) Tracks - Ships failing AVCERT due to RAST Track/Trough Cleanliness & Corrosion issues.  
Develop AP MRC card for DDG-51 and CG-47 Class ships to assess RAST plate & Trough coating,  
post & blocks every FRP Period.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

PART # AC-735-B-2 COVERS PART NUMBERS;  
AC-735 B-2 CATALYST  
AC-735 B-1/2 AND B-2 BASE

MAINTENANCE INDEX PAGE (MIP) #: 5882/012

MAINTENANCE REQUIREMENT CARD (MRC #: 9KDR and new AP Card APL OR AEL:

TECH MANUAL: REV. ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - - 1H-0099-LL-H98-2207 *Cage 76381*  
9Q-8030-01-620-1558  
MANUFACTURER: 3M 770 963 - 3653

ITEM OR TRADE NAME: Aerospace Sealant (*SEALING COMPOUND*)

PART NUMBER OR SPECIFICATION: AC-735-B-2

UNIT OF ISSUE: *KT* UNIT OF MEASURE: Pint

*2 PINT KIT*

*\$79.38*

*5/17/14*  
*MSDS'S*  
*ATTACHED*

**IV. ENDORSEMENTS**

REQUESTORS NAME: Deborah Merlino

RANK:

EMAIL: Deborah.Merlino@navy.mil

DATE PREPARED: 02-14-13

COMMANDER OR DESIGNEE NAME:

RANK:

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, June 12, 2013 11:19 AM  
**To:** Merlino, Deborah S NSWCCD Philadelphia, 614; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140  
**Cc:** 'COMNAVAIRLANT (aor@saltmail.salt.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; COMNAVAIRPAC; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (UPDATE): ALL CG, DDG & FFG HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4753

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanders of all DDG, CG, and FFG Hulls  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (UPDATE) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Deborah Merlino of NSWCCD

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4753) SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 CATALYST and AC-735 B-1/2 and B-2 BASE) **LLH982207/016201558**  
(d) POC FOR (All CG, DDG & FFG Hull's): Deborah Merlino of NSWCCD  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) SFR from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) references (b) and (e). The following information provides the current status of your SFR request.

2. Concerning reference (c) SFR# 4753 per reference (f):

Temporary-Navy Item Control Number (T-NICN) 1H-0099-LL-H98-2207 has been assigned to SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 CATALYST and AC-735 B-1/2 and B-2 BASE). T-NICN:

1H-0099-LL-H98-2207 has been added to the Master SHML and the CG/DDG/FFG T-SHML's with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9KDR).

When this T-NICN is replaced by an NSN, all POC's will be advised of the new NSN assignment. The SHML/T-SHML will then be modified by reference (b) to reflect the appropriate information.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 01, 2013 7:24 AM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Merlino, Deborah S NSWCCD Philadelphia, 614; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (REQUEST): ALL CG, DDG & FFG HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4753

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 9450  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (REQUEST) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** John Eisenbarger

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4753) SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 *LLH982207* CATALYST and AC-735 B-1/2 and B-2 BASE), NSN: NONE  
(d) POC FOR (All CG, DDG & FFG Hull's): Deborah Merlino of NSWCCD  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) SFR from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) references (b) and (e). The following information provides the current status of your SFR.

2. Per ref (e), reference (c) is approved for use. Request reference (f) provide NSN assignment for reference (c) kit.

3. To reference (d) POC: Reference (b) has forwarded your SFR to reference (f) for NSN assignment. When the NSN is assigned to reference (c) product, all POC's will be advised of this action. The new NSN will then be added to the Master SHML and the CG, DDG & FFG T-SHML with an Allowed On Board (AOB) code of "R" (RESTRICTED TO MRC 9KDR).

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Sent:** Monday, March 11, 2013 9:41 AM  
**To:** Jansen, Franz J CIV NAVICP-Mech  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; Merlino, Deborah S NSWCCD Philadelphia, 614  
**Subject:** NSN ASSIGNMENT REQUEST: ALL CG, DDG & FFG HULLS, SHML FEEDBACK REPORT (SFR) #4753 PCCN N3F04T  
**Attachments:** NSN ASSIGNMENT REQUEST FOR SFR 4753.pdf  
**Signed By:** john.eisenbarger@navy.mil

Franz,

PCCN N3F04T is complete and released in ICAPS, please process.  
PTD is attached  
Provisioner this is a New Hazmat NSN assignment.

Respectfully,  
John D. Eisenbarger  
Logistic Management Specialist  
NSWCCD-SSES Code: 9450  
Ph: 215-897-7434 (DSN:443-7434)  
Fax: 215-897-1137  
Email:john.eisenbarger@navy.mil

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 01, 2013 7:24 AM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Merlino, Deborah S NSWCCD Philadelphia, 614; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (REQUEST): ALL CG, DDG & FFG HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4753

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 9450

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 01, 2013 7:37 AM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** NSN ASSIGNMENT REQUEST FOR SFR 4753  
**Attachments:** NSN ASSIGNMENT REQUEST FOR SFR 4753

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Merlino, Deborah S NSWCCD Philadelphia, 614  
**Sent:** Thursday, February 14, 2013 1:34 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: AC-735-B-2 - Various Sizes  
**Attachments:** merlino-ac-735-b-2-3oz-kit-rfq.doc; AC-735 B-2.pdf  
**Signed By:** deborah.merlino@navy.mil

Mike,  
Attached (merlino doc) is the quote and the technical data sheet.  
Deborah

-----Original Message-----

**From:** Merlino, Deborah S NSWCCD Philadelphia, 614  
**Sent:** Wednesday, January 30, 2013 10:27 AM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Subject:** FW: AC-735-B-2 - Various Sizes

John,  
Joe requested the following information:  
We'll need an estimated price and quantity (unit of measure) for NSN assignment. To add to the HAZMAT AELS, I will need the quantity to be added for each class.

Take a look at the attached "merlino-ac" doc.

The Navy will be requesting 3M Part Number 70-0052-0438-6 for the AC-735-B-2 pint size. This product only has a shelf life of 9 months so we do NOT want each ship to get 1 kit (16 pints) because that would be too many. We were thinking that 2 pints should be sufficient for each ship to start.

AELS for Ship Class Applicability: CGs, DDGs and FFGs

Call me and we can further discuss.

Thanks,  
Deborah

-----Original Message-----

**From:** mbfierst@mmm.com [mailto:mbfierst@mmm.com]  
**Sent:** Tuesday, January 15, 2013 4:50 PM  
**To:** Merlino, Deborah S NSWCCD Philadelphia, 614  
**Cc:** slkiloran@mmm.com  
**Subject:** RFQ: AC-735-B-2 - Various Sizes

Hello Deborah,

Following is your RFQ:



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/023  
1 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772

To: Naval Surface Warfare Center, Carderock Division-Ships Systems  
Engineering Station (NSWCCD-SSES), Code 9450

Subj: REQUEST FOR NATIONAL STOCK NUMBER (NSN) ASSIGNMENT

Attn: John Eisenbarger

Encl: (1) REQUEST NSN ASSIGNMENT FOR SHML FEEDBACK REPORT (SFR)  
CONCERNING (SFR# 4753)

1. Enclosure (1) contains a packet of one (1) SFR with an NSN  
Assignment request for the following SFR item:

(SFR #4753) SEALING COMPOUND, (Part# AC-735-B-2 including:  
AC-735 B-2 CATALYST and AC-735 B-1/2 and B-2 BASE)

2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code M0772.22, DSN 430-8319  
or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

for Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Merlino, Deborah S NSWCCD Philadelphia, 614  
**Sent:** Thursday, February 14, 2013 1:10 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR Request for AC-735-B-2  
**Attachments:** AC-735-B-2 SFR.docx; MSDS AC-735B.pdf  
**Signed By:** deborah.merlino@navy.mil

**RECEIVED**  
FEB 14 2013  
BY: SFR 4753

Hi Mike,

Attached is the form you requested to add the product to T-SHML for DDGs, CGs and FFGs. I've also attached the MSDS if you need that.

V/R,

Deborah Merlino

Code 614, Coatings and Corrosion Branch

Program Manager, Corrosion and Coatings Logistics

215-897-7978

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, February 15, 2013 9:17 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Merlino, Deborah S NSWCCD Philadelphia, 614; Fiore, Michael J CTR SURFMEPP DET Philadelphia; Ehrich, Jennifer A CIV NSWCCD Philadelphia, 6140; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** ALL CG, DDG & FFG HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4753

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4753) SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 CATALYST and AC-735 B-1/2 and B-2 BASE), NSN: NONE  
(d) POC FOR (All CG, DDG & FFG Hull's): Deborah Merlino of NSWCCD  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/018  
15 February 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4753)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4753) for your review/recommendation for the following Kit:  
  
SEALING COMPOUND, (Part# AC-735-B-2 with AC-735 B-2 CATALYST and  
AC-735 B-1/2 and B-2 BASE)
2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319  
for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction



## Material Safety Data Sheet

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**PRODUCT NAME:** 3M™ Aerospace Sealant AC-735 B-2  
**MANUFACTURER:** 3M  
**DIVISION:** Aerospace Aircraft Maintenance Division

**ADDRESS:** 3M Center, St. Paul, MN 55144-1000

**EMERGENCY PHONE:** 1-800-364-3577 or (651) 737-6501 (24 hours)

**Issue Date:** 12/14/12  
**Supersedes Date:** 01/24/12

**Document Group:** 30-3730-6

### ID Number(s):

70-0052-0433-7, 70-0052-0434-5, 70-0052-0436-0, 70-0052-0438-6, 70-0052-0586-2, 70-0052-0596-1, 70-0052-2267-7, 70-0052-2268-5, 70-0052-2269-3, 70-0052-2270-1

This product is a kit or a multipart product which consists of multiple, independently packaged components. An MSDS for each of these components is included. Please do not separate the component MSDSs from this cover page. The document numbers of the MSDSs for components of this product are:

30-3363-6, 30-3184-6

Revision Changes:  
Kit initial issue message was modified.  
Kit: ID Number(s) was modified.

**DISCLAIMER:** The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.



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**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, January 10, 2014 11:14  
**To:** 'USS GEORGE WASHINGTON'; USS FREEDOM (bev@saltsmail.salts.navy.mil); (bev@saltsmail.salts.navy.mil); Merlino, Deborah S NSWCCD Philadelphia, 6 Garcia, Jose LSC (SW) (CVN73 S8A LCPO); 'McClanahan, Patrick CDR (CVN73 S6 Div)'; 'Griffin, Timothy LCDR (CVN73 ASUPPO)'; 'Bolinsky, Teri LTJG (CVN 73)'; 'Tyson, LS1 (CVN73 S6 Div)'; 'Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV)'; Jordan, S  
**Cc:** NAVSUP FLC San Diego, Code 441  
Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT'; (aor@saltsmail.salts.navy.mil); 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Houston, S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Iaconian, CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Quinn, P CIV NSWCCD Philadelphia, 9450; Eisenbarger, John CIV NSWCCD Philadelphia, He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** NSN ASSIGNMENT (ANSWER): USS GEORGE WASHINGTON & USS FREEDOM SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) 4731

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS George Washington (CVN-73) and the USS Freedom (LCS-1)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (UPDATE) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW) Jose Medina-Garcia and Sharron Jordan

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4458) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY)  
(d) (SFR #4731) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY)  
(e) USS George Washington (CVN-73), SFR 4458 Point Of Contact (POC), LSC (SW) Jose Medina-Garcia  
(f) USS Freedom (LCS-1), SFR 4731 POC, Sharron Jordan  
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694  
(h) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received NSN assignment request for reference (c) and (d) SFR product from reference (e) and (f). Ref (g) approved ref (c) and (d) request for product to be used and authorized an NSN to be assigned.

2. Upon reference (b) final review of the NSN Assignment package, reference (b) submitted the package to reference (h) TA for NSN assignment. Reference (h), has provided the current status of these NSN assignment requests as follows:

Ref (c) SFR #4458 and ref (d) SFR #4731 T-NICN: 1H-0099-LL-H96-8511 has rolled over to NSN: 9B 9150-01-607-8241. NSN: 9B 9150-01-607-8241 has been added to the Master SHML and the "all" T-SHML's (minus the SB T-SHML) with an Allowed On Board (AOB) Code of "R" (RESTRICTED TO FIREFIGHTING MAINTENANCE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Sent:** Tuesday, November 29, 2011 8:36 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077; Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR 4458 *AUD 4731*  
**Signed By:** sarah.phillips1@navy.mil

USS George Washington (CVN-73)

The SFR requested material (Lubricant Spray, NSN: None, Part Number: Molykote D 321 R Spray) is listed under SPMIG 15758 and is listed on MRC 61 G6YN N for firefighting equipment. The requested material should be assigned a National Stock Number. Upon NSN assignment, the requested material should be listed on the Master SHML and all Type SHMLs with an AOB Code of R - Restricted to Firefighting maintenance and be assigned an MMI Code of Yes.

V/r,  
Sarah

*AO/AS/CG/CV/DG/FG/LC/  
LH/LP/MC/DK/MS/OT*

*(93)*

*R*

*F/V3/H*

Sarah Aschenbach  
Materials Engineer  
Naval Surface Warfare Center, Carderock Division Code 635  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 1000  
sarah.aschenbach@navy.mil  
ph. (215) 897-7401  
fax (215) 897-7268

For HAZMAT help, visit the Navy's Shipboard Environmental Information Clearinghouse at <https://wwwa.nko.navy.mil/portal/seic/>

*1H-0099-LL-H96-8911  
SPRAY LUBRICANT  
12-400ML CANS PER CASE  
AAC-J  
AOB-R  
SLAC = 00  
\$84.00*

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 11/16/2011 FPO#: AE09550 - 2873 UIC#: 21412 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4458 ( <i>see SFR 4731 - Same</i> )  ATTACHED FROM (SHIP): USS GEORGE WASHINGTON (CVN-73)  PRODUCT NAME: MOLYKOTE LUBRICANT SPRAY  DATE ON SFR: 11/6/2011
NAVICP-M	11/18/2011	MC	NSN/NIIN: --- CAGE: 3CKV1
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MOLYKOTE D 321 R SPRAY
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P=Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 6641 <i>1H-0099-LL-H96-8511</i> MRC: 61 G6YN N <i>9B 9150-01-607-8241</i>
LCM/ISEA			MIP/MRC:
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: <i>F/V3H</i> 12 CANS PER CASE. NOT IN DLSC OR ANY NAVY DATA BASES.

*Complete SFR 4731 with this one when NSN IS ASSIGNED.*

RECEIVED

NOV 16 2011

AE49550-2873

NIS

Current Date: 11/06/11

SFR# 4458

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIT  
NIDLSC

NOT IN HMLRS

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS GEORGE WASHINGTON

HULL NUMBER: CVN-73

TYCOM: COMNAVAIRFOR

UIC: 21412

Serial Number: 12-001

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
Molykote Lubricant Spray (P/N: D321R) is needed onboard in order to complete preventive maintenance requirements on Fire Fighting Access Fittings IAW MIP: 6641, MRC: 61 G6YN Periodicity A-2, SPMIG (15758). The MRC card specifically calls for the use of this SPMIG(15758), P/N: D321R and specifically sights a manufacture for procurement of materials.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): Item does not yet have NSN

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: 6641

MAINTENANCE REQUIREMENT CARD (MRC #: 61 G6YN N

APL OR AEL: N/A

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: A-2

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: I - N/A -

MANUFACTURER: AVIATRIX INC.

PHONE: 503-925-7989

POC: WESS.

ITEM OR TRADE NAME: MOLYKOTE LUBRICANT SPRAY

PART NUMBER OR SPECIFICATION: D-321R SPRAY

MOLYKOTE

UNIT OF ISSUE: CA

UNIT OF MEASURE: CAN

12 CANS PER CASE

**IV. ENDORSEMENTS**

REQUESTORS NAME: MEDINA, JOSE

EMAIL: medina.j@cvn73.navy.mil

IHO: MAGGIE, PARKS

EMAIL: Maggie.parks@cvn73.navy.mil

COMMANDER OR DESIGNEE NAME:

McCLANAHAN, BAT

EMAIL: Mcclanap@cvn73.navy.mil

RANK: LSC

DATE PREPARED: November 6, 2011

RANK: LT

RANK: CDR

Complete  
SFR #4731  
with this  
on when  
NSN  
IS ASSIGNED

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-2480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, May 29, 2012 3:19 PM  
**To:** 'USS GEORGE WASHINGTON'; Merlino, Deborah S NSWCCD Philadelphia, 614; 'Medina-Garcia, Jose LSC (SW) (CVN73 S8A LCPO)'; 'McClanahan, Patrick CDR (CVN73 SUPPO)'; 'Griffin, Timothy LCDR (CVN73 ASUPPO)'; 'Bolinsky, Teri LTJG (CVN 73)'; 'Tyler, Otavis LS (CVN73 S6 Div)'; 'Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV)'  
**Cc:** Richardson, David W CTR CNAP/CNAF, N4; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew C nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Subject:** NSN ASSIGNMENT (UPDATE): USS GEORGE WASHINGTON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4458

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS George Washington (CVN-73)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF NSN ASSIGNMENT (UPDATE) FOR SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW) Jose Medina-Garcia

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4458) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY), NSN: NONE  
(d) USS George Washington (CVN-73) Point Of Contact (POC) LSC (SW) Jose Medina-Garcia  
(e) NSWCCD-SSES POC, Sarah Aschenbach Tel: (215) 897-7401, DSN: 430-7401; Fax: 215-897-7268, DSN: 430-7268  
(f) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Ref (e) approved ref (c) for use and authorized an NSN to be assigned to this item.

2. Per ref (f), the following Temporary Navy Item Control Number (T-NICN) has been to references (c) as follows:

Ref (c), (SFR# 4458) T-NICN: 1H-0099-LL-H96-8511.

T-NICN: 1H-0099-LL-H96-8511 has been added to the Master SHML and the "all" T-SHML's (minus the LCS AND SB T-SHML's) with an Allowed On Board (AOB) Code of "R" (RESTRICTED TO FIREFIGHTING MAINTENANCE). When T-NICN: 1H-0099-LL-H96-8511 is replaced by an NSN all POC's will be advised of the new NSN assignment.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



*When NSN is assigned send answer to Deb Merlino*

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Merlino, Deborah S CIV NSWCCD Philadelphia, 9410  
**Sent:** Tuesday, December 06, 2011 12:06 PM  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: SFR 4458 FOR YOUR REVIEW.  
**Signed By:** deborah.merlino@navy.mil

Sarah/Mike,

Please let me know when we have the NSN so I can request the SPMIG Data base be updated.

Thanks,  
Deb

-----Original Message-----

**From:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Sent:** Tuesday, November 29, 2011 8:31  
**To:** Merlino, Deborah S CIV NSWCCD Philadelphia, 9410  
**Subject:** FW: SFR 4458 FOR YOUR REVIEW.

Deb,

I'm going to be approving this product and getting an NSN for it, because it is called out under SPMIG 15758. According to the SPMIG database, the item doesn't have an NSN. Can you help me make sure the NSN gets attached to the SPMIG?

Sarah

Sarah Aschenbach  
Materials Engineer  
Naval Surface Warfare Center, Carderock Division Code 635  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 1000  
[sarah.aschenbach@navy.mil](mailto:sarah.aschenbach@navy.mil)  
ph. (215) 897-7401  
fax (215) 897-7268

For HAZMAT help, visit the Navy's Shipboard Environmental Information Clearinghouse at <https://wwwa.nko.navy.mil/portal/seic/>

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, November 18, 2011 11:59  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Cc:** 'Medina-Garcia, Jose LSC (SW) (CVN73 S8A LCPO)'; McClanahan, Patrick CDR (CVN73 SUPPO); Griffin, Timothy LCDR (CVN73 ASUPPO); Bolinsky, Teri LTJG (CVN 73); Tyler, Otavis LS1 (CVN73 S6 Div); Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV)  
**Subject:** SFR 4458 FOR YOUR REVIEW.

Sarah,

Since I can't scan since my tech refresh, until that is resolved Jen is scanning the SFR packages to me and I am forwarding them to you for review.

**Houde, Jennifer S CIV NAVSUP WSS, M077**

---

**From:** Houde, Jennifer S CIV NAVSUP WSS, M077  
**Sent:** Wednesday, November 30, 2011 2:00 PM  
**To:** Quaid, Joseph P CIV NSWCCD Philadelphia; 9450  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** NSN ASSIGNMENT REQUEST USS GEORGE WASHINGTON SHIPBOARD HAZARDOUS MATERIALS LIST ( FEEDBACK REPORT (SFR) # 4458  
**Attachments:** SFR 4458 NSN ASSIGNMENT.pdf  
**Signed By:** jennifer.houde@navy.mil

Joe,

Attached please find the information that you requested for the NSN assignment request.

If you have any questions please don't hesitate to contact me.

Thank you,

Have a great day!

V/r,  
Jennifer Houde  
Environmental Protection Specialist  
Code M0772, Bay F14  
Bldg 312  
5450 Carlisle Pike  
P.O. Box 2020  
Mechanicsburg, PA. 17055-0788  
CML 717-605-8131  
DSN 430-8131  
Fax 717 605-3480  
email: [jennifer.houde@navy.mil](mailto:jennifer.houde@navy.mil)

*Jen sent NSN  
assignment to Joe  
Quaid on 11-30-11.  
SFR #4458*

LL4968511

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Sent:** Wednesday, February 01, 2012 2:17 PM  
**To:** Jansen, Franz J CIV NAVICP-Mech  
**Cc:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077; Houde, Jennifer S CIV NAVSUP WSS, M077; Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Subject:** NSN ASSIGNMENT, USS GEORGE WASHINGTON, SHML FEEDBACK REPORT (SFR) # 4458, PCCN N1TA4M  
**Attachments:** SFR4458.pdf  
**Signed By:** john.eisenbarger@navy.mil

Update to RCR000003

Franz,

Please process PDCN N1TA4M file is complete and released in ICAPS.

PTD is attached.

Provisioner This is a New Hazmat NSN Request. Please see remarks block for details.

Thank You,

Respectfully,  
John D. Eisenbarger  
Logistic Management Specialist  
NSWCCD-SSSES Code: 9453  
Ph: 215-897-7434 (DSN:443)  
Fax: 215-897-1137  
Email:john.eisenbarger@navy.mil

-----Original Message-----

**From:** Houde, Jennifer S CIV NAVSUP WSS, M077  
**Sent:** Wednesday, November 30, 2011 14:00  
**To:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** NSN ASSIGNMENT REQUEST USS GEORGE WASHINGTON SHIPBOARD HAZARDOUS MATERIALS LIST (FEEDBACK REPORT (SFR) # 4458

Joe,

Attached please find the information that you requested for the NSN assignment request.

If you have any questions please don't hesitate to contact me.

Thank you,

Have a great day!

V/r,  
Jennifer Houde

**Houde, Jennifer S CIV NAVSUP WSS, M077**

---

**From:** Houde, Jennifer S CIV NAVSUP WSS, M077  
**Sent:** Tuesday, November 29, 2011 4:44 PM  
**To:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450  
**Cc:** USS GEORGE WASHINGTON; 'jose.medina-garcia@cvn73.navy.mil'; Richardson, David W CTR CNAP/CNAF, N4; Stanko, Scott CIV NAVSUP WSS, M077; COMNAVAIRPAC; COMNAVAIRLANT; COMNAVSURFLANT; COMNAVSURFPAC (afu@saltmail.salts.navy.mil); 'mcclanap@cvn73.navy.mil'; Celona, Michael J CIV NAVSUP WSS, M077; Rogers, Michelle NAVSUP FLC Norfolk; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** NSN ASSIGNMENT (REQUEST) USS GEORGE WASHINGTON SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT ((SFR) # 4458  
**Signed By:** jennifer.houde@navy.mil

Joe,

The below requested material (Lubricant Spray, NSN: None, Part Number: Molykote D 321 R Spray) has been approved for an NSN assignment. Request an NSN be assigned for the referenced product.

If you have any questions please don't hesitate to contact me.

Thank you,

Have a great day!

V/r,  
Jennifer Houde  
Environmental Protection Specialist  
Code M0772, Bay F14  
Bldg 312  
5450 Carlisle Pike  
P.O. Box 2020  
Mechanicsburg, PA. 17055-0788  
CML 717-605-8131  
DSN 430-8131  
Fax 717 605-3480  
email: [jennifer.houde@navy.mil](mailto:jennifer.houde@navy.mil)

USS George Washington (CVN-73)

The SFR requested material (Lubricant Spray, NSN: None, Part Number: Molykote D 321 R Spray) is listed under SPMIG 15758 and is listed on MRC 61 G6YN N for firefighting equipment. The requested material should be assigned a National Stock Number. Upon NSN assignment, the requested material should be listed on the Master SHML and all Type SHMLs with an AOB Code of R - Restricted to Firefighting maintenance and be assigned an MMI Code of Yes.

V/r,  
Sarah

Sarah Aschenbach  
Materials Engineer  
Naval Surface Warfare Center, Carderock Division Code 635

5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 1000  
sarah.aschenbach@navy.mil  
ph. (215) 897-7401  
fax (215)897-7268

For HAZMAT help, visit the Navy's Shipboard Environmental Information Clearinghouse at  
<https://wwwa.nko.navy.mil/portal/seic/>

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Medina-Garcia, Jose LSC (SW) (CVN73 S8A LCPO) [JOSE.MEDINA-GARCIA@cvn73.navy.mil]  
**Sent:** Wednesday, November 16, 2011 6:53 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Richardson, David W CTR CNAP/CNAF, N4; McClanahan, Patrick CDR (CVN73 SUPPO); Griffin, Timothy LCDR (CVN73 ASUPPO); Bolinsky, Teri LTJG (CVN 73); Tyler, Otavis LS1 (CVN73 S6 Div); Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV); Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** USS GEORGE WASHINGTON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT FY 12-001  
**Attachments:** CVN73\_SHML\_FEEDBACK\_12-001.pdf

Mr. Celona,

The attached SHML Feedback Report for some Molykote lube spray is submitted for review. Any questions or concerns please let me know.

v/r

LSC(SW) Jose Medina  
USS George Washington CVN 73  
SUPPLY S-8A BOX 72  
FPO AP 96650-2801  
DSN: 315-243-2886  
COMM: 011-81-046-816-2886  
J-DIAL: 6982

RECEIVED  
NOV 16 2011  
SFR# 4458

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, November 18, 2011 11:46 AM  
**To:** Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
**Cc:** USS GEORGE WASHINGTON; 'Medina-Garcia, Jose LSC (SW) (CVN73 S8A LCPO)'; McClanahan, Patrick CDR (CVN73 SUPPO); Griffin, Timothy LCDR (CVN73 ASUPPO); Bolinsky, Teri LTJG (CVN 73); Tyler, Otavis LS1 (CVN73 S6 Div); Balogo, Jan Vincent D. LS2 (CVN73 S8 DIV); Stanko, Scott CIV NAVSUP WSS, M077; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Stanko, Scott CIV NAVSUP WSS, M077; Celona, Michael J CIV NAVSUP WSS, M077; Rogers, Michelle NAVSUP FLC Norfolk; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** USS GEORGE WASHINGTON: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4458

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Sarah Aschenbach

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4458) MOLYKOTE LUBRICANT SPRAY, (Part #MOLYKOTE D 321 R SPRAY), NSN: NONE  
(d) USS George Washington (CVN-73) Point Of Contact (POC) LSC (SW) Jose Medina-Garcia  
(e) NSWCCD-SSES POC, Sarah Aschenbach Tel: (215) 897-7401, DSN: 430-7401; Fax: 215-897-7268, DSN: 430-7268

1. Per reference (a), reference (b) received reference (c) SFR from reference (d). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) references (b) and (e). The following information provides the current status of your SFR.

Reference (b) has forwarded your SFR to reference (e) for further review and analysis. Upon reference (e) recommendation, NSWCCD TA will issue an authorization decision. At that time,

reference (b) will Advise all POC's of the final analysis (approval/disapproval) of reference (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by reference (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.





## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/152  
18 November 2011

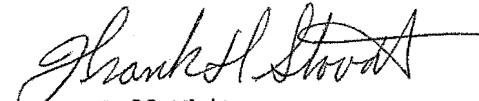
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4458)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4458) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
for Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 08, 2013 7:40 AM  
**To:** 'USS MICHAEL MURPHY (DDG-112) (ako@saltsmail.salts.navy.mil)'; 'Thomas, Shelton L. LS1 DDG112'; 'Morgan, Jason A. SUPPO DDG112'; 'Sacramento, Garry S. CSC DDG112'; 'Clay, Dartri D. LSC, DDG112'; 'Seibert, Matthew S. LS1 DDG112'; 'Petty, Tywon O. LS1 DDG112'  
**Cc:** 'Cooley Craig E SOSB'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS MICHAEL MURPHY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4754-4759 (FINAL ANSWER)  
**Signed By:** mike.celona@navy.mil

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Michael Murphy (DDG-112)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS1 (SW/AW) Thomas

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4754) BAR KEEPERS FRIEND LIQUID CLEANER, (Part# 7161811626)  
(d) (SFR #4755) HULA SHINE, (Part# 610370353158)  
(e) (SFR #4756) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811510)  
(f) (SFR #4757) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811584)  
(g) (SFR #4758) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811541)  
(h) (SFR #4759) BAR KEEPERS FRIEND LIQUID CLEANER, (Part# 7161811600)  
(i) POC for the USS Michael Murphy (DDG-112): LS1 (SW/AW) Thomas  
(j) NSWCCD-SSS POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (h) SFR's from ref (i). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (j). The following information provides the current status of your SFR's.

2. Concerning ref (c) through (h) SFR's 4754-4759 per ref (j):

Mike,

SFR's 4754-4759: The SFR requested materials (Bar Keepers Friend Liquid Cleaner, Part #s: 7161811626 and 7161811600; Hula Shine, Part #: 610370353158; and Bar Keepers Friend Cleanser and Polish, Part #s: 7161811510, 7161811584, 7161811541) are not authorized for use. There are currently many items already authorized on the DDG T-SHML that can be used in place of the requested materials. Ship's Force can contact Code 635 directly, if they would like assistance selecting suitable substitutes from the DDG T-SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, the products under SFR's #4754-4759 ARE NOT APPROVED for use and will not be added to the SHML.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, March 07, 2013 5:33 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFRs #4754-4759  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Michael Murphy (DDG-112)

*All products rejected  
for NSU assignment.*

SFRs 4754-4759: The SFR requested materials (Bar Keepers Friend Liquid Cleaner, Part #: 7161811626 and 7161811600; Hula Shine, Part #: 610370353158; and Bar Keepers Friend Cleanser and Polish, Part #: 7161811510, 7161811584, 7161811541) are not authorized for use. There are currently many items already authorized on the DDG T-SHML that can be used in place of the requested materials. Ship's Force can contact Code 635 directly, if they would like assistance selecting suitable substitutes from the DDG T-SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4754  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: BAR KEEPERS FRIEND LIQUID CLEANER  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: 1BZP4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7161811626
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: UNKNOWN UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL DATA, NO MSDS, TECHNICAL DATA SHEET, CANNOT GET NSN ASSIGNED DUE TO LACKING TECHNICAL INFORMATION.

Current Date: 2/23/2013

**RECEIVED**  
MAR 1 2013  
BY: SFR 4754

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MICHAEL MURPHY (DDG HULL NUMBER: ~~506~~ 112) TYCOM: COMNAVSURFOR

UIC: R55688 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near  
berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

Cage 1BZP4

MANUFACTURER: SerVaas Laboratories, Inc

PHONE: 317-633-2020

ITEM OR TRADE NAME: BAR KEEPERS FRIEND LIQUID CLEANER

PART NUMBER OR SPECIFICATION: 7161811626

UNIT OF ISSUE: ~~OZ~~

UNIT OF MEASURE: 26 OZ

**IV. ENDORSEMENTS**

REQUESTORS NAME: MORGAN, JASON A.

RANK: LCDR

EMAIL: JASON.MORGAN@DDG112.NAVY.MIL

DATE PREPARED: 02/23/2013

COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ

RANK: CDR

EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL

DATE: 02/23/2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4755  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: HULA SHINE  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: ØSxN4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 610370353158
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/B NO UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL/PRODUCT DATA SHEET PROVIDED, NO TECHNICAL DATA IN SECTION II. NOT ENOUGH TECHNICAL INFORMATION TO GET NSN ASSIGNED.

Current Date: 2/23/2013

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

*NIS*

**RECEIVED**  
MAR 1 2013

BY: SFR 4755

*This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML*

SHIP NAME: USS MICHAEL MURPHY (DDG 112) HULL NUMBER: 506

TYCOM: COMNAVSURFOR

UIC: R55688

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near  
berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: ~~7930-ND-555-8325~~

*Cage 05XN4*

MANUFACTURER: Coast Products, Inc.

PHONE: 800 - 535 - 5053

ITEM OR TRADE NAME: HULA SHINE

*PH*

PART NUMBER OR SPECIFICATION: 610370353158

*5.0-7.0*

UNIT OF ISSUE: ~~OZ~~

UNIT OF MEASURE: 22 OZ

**IV. ENDORSEMENTS**

*5/T6/B  
MSDS ATTACHED*

REQUESTORS NAME: MORGAN, JASON A.

RANK: LCDR

EMAIL: JASON.MORGAN@DDG112.NAVY.MIL

DATE PREPARED: 02/23/2013

COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ

RANK: CDR

EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL

DATE: 02/23/2013

SIGNATURE: *[Signature]*

*CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material*

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil



# MATERIAL SAFETY DATA SHEET

Issued: 10/01/11

Coast Products, Inc.

975 Queen Street • Honolulu, HI 96814

Tel: 808-593-8709 • Fax: 808-591-9096

Infotrack Phone: 800-535-5053

## Section I — Identification

Product Names: HULA Shine Soy-Based Stainless Steel  
Cleaner, Degreaser & Polish

Chemical Name: Soy-Based Mixture

Chemical Family: Trade Secret

Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Physical Hazard:	0	Reactivity:	0
PPE:	B	Special Hazard:	None

## Section II — Composition Information on Ingredients

Trade Secret - Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.1200 (i) (iv)

## Section III — Hazards Identification

### Health Hazards (Acute and Chronic):

Acute: May cause eye irritation. May cause abdominal discomfort, nausea, and diarrhea if swallowed.

Chronic: No known adverse effects.

Medical Conditions Generally Aggravated by Exposure: None known

## Section IV — First Aid Measures

Inhalation: Remove to fresh air.

Skin: Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse.

Ingestion: Get medical attention.

Eyes: DO NOT RUB EYES. Immediately flush thoroughly with plenty of water. Get medical attention. If discomfort or symptoms develop, get medical attention.

## Section V — Fire and Explosion Hazard Data

Flash Point: >240°F (116°C)

Flammable Limits: Not determined

Extinguishing Media: Water spray, dry chemical, foam and CO<sub>2</sub>.

Fire Fighting Procedures: Treat as oil fire. Use water spray to cool fire-exposed containers.

Fire and Explosion Hazards: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion

## Section VI — Accidental Release Measures

Avoid uncontrolled releases of this material into the environment. Contain spilled material. Where necessary, collect using absorbent media. Transfer to secure labelled containers.

## Section VII — Precautions for Safe Handling and Use.

### Precautions to be taken in handling and storing:

Store upright in a cool, dry well ventilated area, in tightly closed containers away from combustible materials, material used in combination with any other materials or in any other applications. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated.

## Section VIII — Exposure Controls/Personal Protection

Ventilation/Engineering Controls: Adequate general ventilation.

### Respiratory protection:

### Eye protection:

### Skin protection:

### Other protective clothing equipment:

### Work/Hygienic practices:

None required where adequate ventilation conditions exist

Chemical splash goggles recommended.

Impervious gloves recommended for sensitive skin conditions or prolonged use; not required for normal use.

Wear suitable clothing to avoid prolonged skin contact.

Do not smoke in areas of storage or use. Avoid contact with eyes.

Wash with soap and water immediately after handling.

## Section IX - Physical and Chemical Characteristics

Boiling Point: >483°F (251°C)

Solubility in Water: Partially soluble

Specific Gravity (H<sub>2</sub>O = 1): .909

pH @ 1% solution: 5.0 - 7.0

VOC - Method 310: 3.42%

Melting Point: 30°F

Evaporation Rate (But Ac = 1): Not determined

Appearance: Clear to light yellow liquid

Odor: Mild

## Section X — Stability and Reactivity

Stability: Stable (Shelf Life > 2 years).

Conditions to Avoid: Excessive heat or open flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids

Hazardous Decomposition Byproducts: CO and CO<sub>2</sub> may be produced.

Hazardous Polymerization: Will not occur.

## Section XI —Toxicological Information

Eye irritant. This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a probable or suspected human carcinogens.

## Section XII — Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

## Section XIII — Disposal Considerations.

Disposal of all product and used clean up materials must be in accordance with all applicable federal, state and local regulations.

## Section XIV — Transport Information

Not regulated.

## Section XV — Regulatory Information

U.S. FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es): Eye Irritant.

STATE REGULATIONS:

Consult the regulations of the given state.

INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country.

## Section XVI — Other Information

MSDS is reliable to the best of the company's knowledge. For additional information or a detailed MSDS, contact the company at 808-593-8709.

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4756  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: BAR KEEPERS FRIEND CLEANSER & POLISH  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: 1BZP4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7161811510
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/C1/H NO UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL/PRODUCT DATA SHEET PROVIDED, NO TECHNICAL DATA IN SECTION II. NOT ENOUGH TECHNICAL INFORMATION TO GET NSN ASSIGNED. ALSO, THERE ARE 3 PART NUMBERS BUT NEITHER THE MSDS OR THE SFR SUBMITTER SPECIFIED IF ONE MSDS COVERS ALL THREE PART NUMBERS.

Current Date: 2/23/2013

**RECEIVED**  
MAR 1 2013  
BY: SFR 4756

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MICHAEL MURPHY (DDG 112) HULL NUMBER: 506 TYCOM: COMNAVSURFOR  
UIC: R55688 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near  
berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

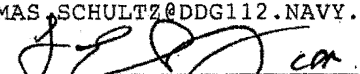
See SFR # 4288  
PROHIBITED

MAINTENANCE INDEX PAGE (MIP) #: N/A  
MAINTENANCE REQUIREMENT CARD (MRC #: N/A APL OR AEL: N/A  
TECH MANUAL: N/A REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -  
MANUFACTURER: SerVaas Laboratories, Inc PHONE: 317-633-2020  
ITEM OR TRADE NAME: BAR KEEPERS FRIEND CLEANSER & POLISH  
PART NUMBER OR SPECIFICATION: 7161811510  
UNIT OF ISSUE: ☒ UNIT OF MEASURE: 12 OZ  
PH 1.5-2.5  
VCI/H  
MSDS attached

**IV. ENDORSEMENTS**

REQUESTORS NAME: MORGAN, JASON A. RANK: LCDR  
EMAIL: JASON.MORGAN@DDG112.NAVY.MIL DATE PREPARED: 02/23/2013  
COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ RANK: CDR  
EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL DATE: 02/23/2013  
SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

4756 }  
4757 } SAME MSDS  
4758 }

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4757  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: BAR KEEPERS FRIEND CLEANSER & POLISH  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: 1BZP4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7161811584
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE <i>SEE SFR 4288</i>			NOTES: V/C1/H NO UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL/PRODUCT DATA SHEET PROVIDED, NO TECHNICAL DATA IN SECTION II. NOT ENOUGH TECHNICAL INFORMATION TO GET NSN ASSIGNED. ALSO, THERE ARE 3 PART NUMBERS BUT NEITHER THE MSDS OR THE SFR SUBMITTER SPECIFIED IF ONE MSDS COVERS ALL THREE PART NUMBERS.

Current Date: 2/23/2013

**RECEIVED**  
MAR 1 2013  
BY: SFR 4757

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

NIS

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MICHAEL MURPHY (DDG 112) HULL NUMBER: 506 TYCOM: COMNAVSURFOR

UIC: R55688 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near  
berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

See SFR 4288  
Prohibited

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -

Page 1 BZ P4

MANUFACTURER: SerVaas Laboratories, Inc

PHONE: 317-633-2020

ITEM OR TRADE NAME: BAR KEEPERS FRIEND CLEANSER & POLISH

PH 1.5-2.5

PART NUMBER OR SPECIFICATION: 7161811584 ?

V/C/H

UNIT OF ISSUE: OZ

UNIT OF MEASURE: 15 OZ

MSDS ATTACHED

**IV. ENDORSEMENTS**

REQUESTORS NAME: MORGAN, JASON A.

RANK: LCDR

EMAIL: JASON.MORGAN@DDG112.NAVY.MIL

DATE PREPARED: 02/23/2013

COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ

RANK: CDR

EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL

DATE: 02/23/2013

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4758  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: BAR KEEPERS FRIEND CLEANSER & POLISH  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: 1BZP4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7161811541
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE  <i>SEE SFR 4288</i>			NOTES: V/C1/H NO UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL/PRODUCT DATA SHEET PROVIDED, NO TECHNICAL DATA IN SECTION II. NOT ENOUGH TECHNICAL INFORMATION TO GET NSN ASSIGNED. ALSO, THERE ARE 3 PART NUMBERS BUT NEITHER THE MSDS OR THE SFR SUBMITTER SPECIFIED IF ONE MSDS COVERS ALL THREE PART NUMBERS.

Current Date: 2/23/2013

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

*NIS*

**RECEIVED**  
**MAR 1 2013**  
**BY: SFR 4758**

*This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML*

SHIP NAME: USS MICHAEL MURPHY (DDG 112) HULL NUMBER: 506 TYCOM: COMNAVSURFOR  
UIC: R55688 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near  
berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A  
MAINTENANCE REQUIREMENT CARD (MRC #: N/A APL OR AEL: N/A  
TECH MANUAL: N/A REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

*See SFR 4288  
Prohibited*

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - -  
MANUFACTURER: SerVaas Laboratories, Inc PHONE: 317-633-2020  
ITEM OR TRADE NAME: BAR KEEPERS FRIEND CLEANSER & POLISH  
PART NUMBER OR SPECIFICATION: 7161811541  
UNIT OF ISSUE: OZ UNIT OF MEASURE: 21 OZ  
*Page 1 BZP4  
PH 1.5-2.5  
V/C I/H  
MSDS ATTACHED*

**IV. ENDORSEMENTS**

REQUESTORS NAME: MORGAN, JASON A. RANK: LCDR  
EMAIL: JASON.MORGAN@DDG112.NAVY.MIL DATE PREPARED: 02/23/2013  
COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ RANK: CDR  
EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL DATE: 02/23/2013  
SIGNATURE: *[Signature]*

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil



<b>Section 1. Product and Company Identification</b>			
<b>Product Name</b>	BAR KEEPERS FRIEND CLEANSER & POLISH		<b>MSDS Validation Date</b> JAN 01 2012
<b>Product Description</b>	Bar Keepers Friend Cleanser & Polish (powder) for cleaning and polishing hard surfaces		<b>In case of Emergency</b> Telephone 800-433-5818 317-636-7760
<b>Manufacturer</b>	SerVaas Laboratories, Inc. 5240 Walt Place Indianapolis, IN 46254		<b>International Emergency</b> Chemservice 1-800-424-6360 (U.S. & Canada) Outside the U.S. & Canada (North America), call 703-527-3887
<b>UPC Number</b>	21 oz. can: 7161811514, 12 oz. can: 7161811510, 15 oz. can: 7161811584		

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits: TLV/PEL
1. OXALIC ACID	144-62-7	5-10	TWA: 1 STEL: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) TWA: 1 (mg/m <sup>3</sup> ) from OSHA (PEL)

<b>Section 3. Hazards Identification</b>	
<b>Emergency Overview</b>	WARNING: HARMFUL IF SWALLOWED. Contains oxalic acid, irritating to eyes. Do not mix with chlorine type bleach or other household chemicals. KEEP OUT OF REACH OF CHILDREN.
<b>Section 4. First Aid Measures</b>	
<b>Eye Contact</b>	In case of eye contact, immediately rinse eyes with water, remove any contact lenses and continue to rinse eyes with plenty of water for at least 15 minutes. If irritation occurs or persists, get medical attention.
<b>Skin Contact</b>	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
<b>Inhalation</b>	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth and give a glass of milk to drink. Contact a poison control center or physician immediately.

<b>Section 5. Fire and Explosion Data</b>	
<b>Flammability</b>	Not flammable. See Section 14 for any Shipping Classifications
<b>Flash Point</b>	Not applicable.
<b>Explosive Limits in Air</b>	Not applicable.
<b>Products of Combustion</b>	Not applicable.
<b>Fire and Explosion Hazards</b>	None known.
<b>Fire Fighting Media and Instruction</b>	Not a fire hazard. Use extinguishing media suitable for surrounding materials.
<b>Special Fire Fighting Instructions</b>	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

<b>Section 6. Accidental Release Measures</b>	
<b>Accidental Spill</b>	Small spill: Carefully sweep up raising a minimum of dust and discard into a household waste container for disposal. Large spill: Contain and collect product with a minimum of dust and retain for evaluation. Dispose of according to local, state and federal regulations.

<b>Section 7. Handling and Storage</b>	
<b>Handling and Storage</b>	WARNING: irritating to eyes. Harmful if swallowed. Contains oxalic acid. Do not mix with chlorine type bleach or other household chemicals.  Store in original container in an upright position in a cool, dry area inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN

Continued on Next Page.



**Section 8. Exposure Controls/Personal Protection**

Ventilation Requirements	No specific controls are needed.
Eye Protection	Avoid contact with eyes. Emergency responders should wear full eye and face protection.
Skin Protection	Avoid skin contact. Emergency responders should wear impermeable gloves.
Respiratory Protection	Avoid breathing dust. Emergency responders should wear suitable respiratory protection where exposure to airborne dust is possible.
Other Protection	None required.
Work/Hygienic Practices	Washing with soap and water after use is recommended as good hygienic practice to prevent possible skin irritation and/or eye irritation from hand contact.

**Section 9. Physical and Chemical Properties**

Description	Free-flowing powder.	Odor	None
pH	1.5-2.5 (3% aqueous slurry).	Color	White, Off-white.
Boiling/Condensation Point	Not applicable.		
Specific Gravity	0.85 to 0.95		
Vapor Pressure	Not determined.		
Vapor Density	Not determined.		
Viscosity	Not available.		
Solubility	< 10% at 70 °F. (Oxalic acid and surfactant 100% soluble. Abrasive is insoluble)		

**Section 10. Stability and Reactivity Data**

Chemical Stability	The product is stable.
Incompatibility with Various Substances	Do not use or mix with chlorine type bleaches or other household cleaning agents as harmful fumes may result. May be harmful to painted or lacquered surfaces. Requires very gentle rubbing for use on fiberglass, counter tops, and plastic surfaces.
Hazardous Decomposition Products	Oxalic acid may generate formic acid and carbon monoxide under fire conditions.

**Section 11. Toxicological Information**

Exposure effects	
Eye Contact	Irritating to eyes.
Skin Contact	Not a primary skin irritant. May cause skin irritation upon prolonged or repeated contact.
Inhalation	Inhalation toxicity not determined. May cause irritation to mucous membranes.
Ingestion	Harmful if swallowed.

**Section 12. Ecological Information**

Ecotoxicity	Not available.
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**Section 13. Disposal Considerations**

Waste Disposal	Discard small quantities with household trash collection. For large quantities, dispose of in accordance with local, state and federal regulations.
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**Section 14. Transport Information**

DOT Classification	Not regulated by DOT (United States).
Proper Shipping Name	Not applicable.
DOT Identification Number	Not applicable.
Packing Group	Not applicable.
Maritime Transportation	Not applicable.

Continued on Next Page

**BAR KEEPERS FRIEND CLEANSER & POLISH (POWDER)**

Page Number: 3

Hazardous Substance Reportable Quantity	Not applicable.
Special Provisions for Transport	Not applicable.
TTC Classification	Not regulated by TDG.
ADR Classification	Not applicable.
IMDG Classification	Not regulated by IMDG.
IATA Classification	Not regulated by IATA.

**Section 15. Regulatory Information**

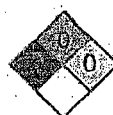
Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: None
Other Classification	WHMIS (Canada) Not controlled under WHMIS (Canada).

**Section 16. Other Information****HMIS (U.S.A.)**

Health Hazard	2
Physical Hazard	0
Reactivity	0
Personal Protection	A

National Fire Protection  
Association (U.S.A.)

Health



Fire Hazard

Reactivity

Specific Hazard

**NEPA Aerosol Label** Not applicable.

Validated by Product Safety on 3/3/09

Printed 3/3/09

**Notice to Reader:**

While best efforts have been made, the information contained herein is not a guarantee. However, neither the above named supplier nor any of its subsidiaries or company divisions are liable for the consequences or damages of the information contained herein. Final determination of regulatory status must rest in the sole responsibility of the user. All employees must protect themselves and should be used with caution. Observe all safety labels and instructions. It is recommended that users refer to the safety labels that apply.

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/1/2013 FPO#: NONE - UIC#: 55688 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4759  ATTACHED FROM (SHIP): USS MICHAEL MURPHY (DDG-112)  PRODUCT NAME: BAR KEEPERS FRIEND LIQUID CLEANER  DATE ON SFR: 2/23/2013
NAVICP-M	3/1/2013	MC	NSN/NIIN: --- CAGE: 1BZP4
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 7161811600
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: UNKNOWN HAZARD. NO MSDS PROVIDED. NO UNIT OF ISSUE. NOT IN NAVY SUPPLY SYSTEM. NO TECHNICAL/PRODUCT DATA SHEET PROVIDED, NO TECHNICAL DATA IN SECTION II. NOT ENOUGH TECHNICAL INFORMATION TO GET NSN ASSIGNED.

Current Date: 2/23/2013

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

NIS

**RECEIVED**  
MAR 1 2013  
BY: SFR 4759

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MICHAEL MURPHY (DDG 112) HULL NUMBER: 506 TYCOM: COMNAVSURFOR

UIC: R55688 Serial Number: AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
This material is required for cleaning of showers and bright works, on, around and near berthing heads.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A  
MAINTENANCE REQUIREMENT CARD (MRC #: N/A APL OR AEL: N/A  
TECH MANUAL: N/A REV. N/A ESTIMATED YEARLY REQUIREMENT: N/A

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: - - - *Cage 1BZPH*  
MANUFACTURER: SerVaas Laboratories, Inc PHONE: 317-633-2020  
ITEM OR TRADE NAME: BAR KEEPERS FRIEND LIQUID CLEANER  
PART NUMBER OR SPECIFICATION: 7161811600  
UNIT OF ISSUE: OZ UNIT OF MEASURE: 13 OZ

**IV. ENDORSEMENTS**

REQUESTORS NAME: MORGAN, JASON A. RANK: LCDR  
EMAIL: JASON.MORGAN@DDG112.NAVY.MIL DATE PREPARED: 02/23/2013  
COMMANDER OR DESIGNEE NAME: THOMAS, SCHULTZ RANK: CDR  
EMAIL: THOMAS.SCHULTZ@DDG112.NAVY.MIL DATE: 02/23/2013  
SIGNATURE: *[Signature]*

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:  
Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

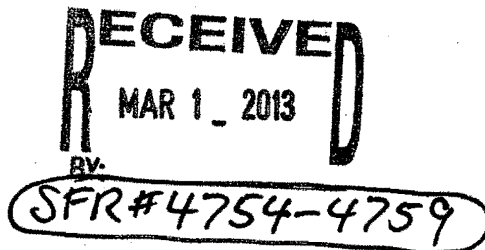
**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Thomas, Shelton L. LS1 DDG112 [shelton.thomas@ddg112.navy.mil]  
**Sent:** Friday, March 01, 2013 5:03 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Morgan, Jason A. SUPPO DDG112; Sacramento, Garry S. CSC DDG112; Clay, Dartri D. LSC, DDG112; Thomas, Shelton L. LS1 DDG112; Seibert, Matthew S. LS1 DDG112; Petty, Tywon O. LS1 DDG112  
**Subject:** USS MICHAEL MURPHY( DDG 112) / SFR SUBMISSION / 02/28/2013  
**Attachments:** SFR.PDF

Michael,

Please process the following SFR(s):



1. I provided a Manufacturers MSDS for each of these products.
2. I did not provide a Manufacturers Technical/Product Data Sheet for each of these products because its N/A.
3. Each SFR is not a kit.
4. Section II TECHNICAL DATA was left blank because this section is N/A.

V/R

LS1 (SW/AW) Thomas

Supply Department LPO

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 01, 2013 1:23 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS MICHAEL MURPHY (DDG-112) (ako@saltsmail.salts.navy.mil); 'Thomas, Shelton L. LS1 DDG112'; Morgan, Jason A. SUPPO DDG112; Sacramento, Garry S. CSC DDG112; Clay, Dartri D. LSC, DDG112; Seibert, Matthew S. LS1 DDG112; Petty, Tywon O. LS1 DDG112; Cooley Craig E SOSB; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS MICHAEL MURPHY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4754-4759

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4754) BAR KEEPERS FRIEND LIQUID CLEANER, (Part# 7161811626)  
(d) (SFR #4755) HULA SHINE, (Part# 610370353158)  
(e) (SFR #4756) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811510)  
(f) (SFR #4757) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811584)  
(g) (SFR #4758) BAR KEEPERS FRIEND LIQUID CLEANSER & POLISH, (Part# 7161811541)  
(h) (SFR #4759) BAR KEEPERS FRIEND LIQUID CLEANER, (Part# 7161811600)  
(i) POC for the USS Michael Murphy (DDG-112): LS1 (SW/AW) Thomas  
(j) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (h) SFR's from ref (i). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems

Command (HSC) Technical Authorities (TA) ref (b) and (j). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (j) for further review and analysis. Upon ref (j) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (j) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030

Ser 0772/024  
1 March 2013

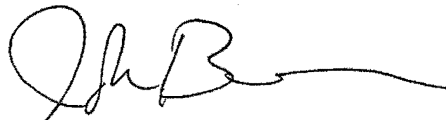

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT/S. (SFR's)

Encl: (1) SHML SFR's (SFR# 4754-4759)

1. Enclosure (1) contains a packet of (6) SFR's (SFR# 4754-4759)  
for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319  
for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
per  Jeff Whitman  
By Direction



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 08, 2013 1:59 PM  
**To:** 'USS RONALD REAGAN'; 'Lansang, Ronald LSC'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson; James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS RONALD REAGAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4760 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Ronald Reagan (CVN-76)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LSC (SW/AW) Ron Lansang

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4760) FINISH, FLOOR, NONBUFFING, (Part# 61189723 GEMSTAR LASER), NSN: 7930-01-442-5948  
(d) POC for the USS Ronald Reagan (CVN-76): LSC (SW/AW) Ron Lansang  
(e) NSWCCD-SSS POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4760 per ref (e):

Mike,

SFR 4760: The SFR requested material (NSN: 7930-01-442-5948; Finish, Floor, Non-buffing) is not authorized for use and should remain listed with an Allowed On Board (AOB) code of P in

the Master SHML and all T-SHMLs. NSN 7930-01-183-8585 (Finish, Floor, Non-buffing) is listed with an AOB Code of A on the CVN T-SHML and may be used for the intended application. Therefore, NSN 7930-01-183-8585 is recommended as an alternative to the requested material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 7930-01-442-5948 IS NOT APPROVED for use. In lieu of NSN: NSN: 7930-01-442-5948, use NSN: 7930-01-183-8585 which is already listed in the Master SHML and the CV/CVN T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, March 08, 2013 12:56 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
**Subject:** SFR 4760  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Ronald Reagan (CVN 76)

Reg P

SFR 4760: The SFR requested material (NSN: 7930-01-442-5948) Finish, Floor, Non-buffing) is not authorized for use and should remain listed with an AOB of P the Master SHML and all T-SHMLs. NSN 7930-01-183-8585 (Finish, Floor, Non-buffing) is listed with an AOB Code of A on the CVN T-SHML and may be used for the intended application. Therefore, NSN 7930-01-183-8585 is recommended as an alternative to the requested material.

Respectfully,  
Marianne

use A  
90  
MS/LC/SB=NO  
5/T6/A

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 3/1/2013    FPO#: AP96616 – 2876    UIC#: 22178    TYCOM: SURFPAC</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:            SHIP HAZARDOUS MATERIAL LIST</b> <b>(SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4760</b>  <b>ATTACHED</b> <b>FROM (SHIP):        USS RONALD REAGAN (CVN-76)</b>  <b>PRODUCT NAME: FINISH, FLOOR, NONBUFFING</b>  <b>DATE ON SFR:        1/31/2013</b>
<b>NAVICP-M</b>	<b>3/4/2013</b>	<b>MC</b>	<b>NSN/NIIN: 7930-01-442-5948                    CAGE: 85884</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>61189723 GEMSTAR LASER</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized;</b> <b>P= Prohibited; R=Restricted;</b> <b>P                    O=Obsolete; N=Not Determined)</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>DCTLY</b>
			<b>MIP: NONE</b>
			<b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>
			<b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: NONE</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: 1418, 2238, 2849,</b> <b>2894, 3348, 3524, 3660, 3749, 3851,</b> <b>4004 &amp; 4018 ALL PROHIBITED.</b>			<b>NOTES: 9/N1/B    2.5 GALLON BOX.</b>

AP96616-2876

Current Date: 2/18/2013

(P)

RECEIVED  
MAR 3 2013  
BY: SFR 4760

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS RONALD REAGAN

HULL NUMBER: CVN-76

TYCOM: COMNAVAIRFORCES

UIC: R22178

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
PROVIDES GREAT DURABILITY, LOW DIRT RETENTION AND SLIP RESISTANCE. IT CAN ALSO BE USED ON  
WELL-SEALED WOODEN FLOORS FOR VIP AREAS ONBOARD. OLD NSN ITEM 7930-00-141-5888 TURNS INTO  
BROWN IN COLOR AFTER APPLICATION. ADDITIONAL MAN HOURS REQUIRED TO COMPLETELY FINISHED THE  
JOB USING THE CURRENT FLOOR CARE PRODUCT.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 7930-00-141-5888

**II. TECHNICAL DATA** See SFR's: 1418, 2238, 2849, 2894, 3348, 3524, 3660,  
3749, 3851, 4004 & 4018 = ALL (P).  
MAINTENANCE INDEX PAGE (MIP) #: N/A  
MAINTENANCE REQUIREMENT CARD (MRC #: N/A APL OR AEL: N/A ALT NIN 011838585  
TECH MANUAL: N/A REV. N/A ESTIMATED YEARLY REQUIREMENT: 2000GL

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

90 NSN 7930-01-442-5948

MANUFACTURER: ECOLAB INC. PROFESSIONAL  
PRODUCTS DIVISION

PHONE: 800-247-5362  
651-293-2570

ITEM OR TRADE NAME: ~~GEMSTAR LASER~~ FINISH, FLOOR, NON BUFFING

PART NUMBER OR SPECIFICATION: 61189723 GEMSTAR LASER

UNIT OF ISSUE: ~~GL~~ BX UNIT OF MEASURE: 2.5 GL

DCTLY

9/NI/B

**IV. ENDORSEMENTS**

REQUESTORS NAME: LANSANG, RONALD, LSC

RANK: E7

EMAIL: lansangrc@cvn76.navy.mil

DATE PREPARED: 31 JAN 13

COMMANDER OR DESIGNEE NAME: M. N. OTT

RANK: 06 OS

OTTMN @ CVN 76. NAVY. MIL

EMAIL: burketw@cvn76.navy.mil

DATE: 08 FEB 13

SIGNATURE: M. N. OTT

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

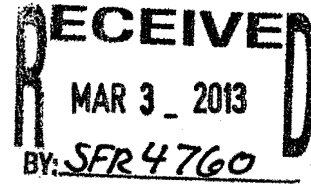
Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Lansang, Ronald LSC [lansangrc@cvn76.navy.mil]  
**Sent:** Sunday, March 03, 2013 12:36 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** Wax (SFR)  
**Attachments:** MSDS.pdf



Mike,

Here's the SFR for the Wax. Please email me if there any questions or concerns. Your assistance is greatly appreciated. Thanks.

V/R  
LSC(SW/AW) Ron Lansang  
S8-A LCPO HAZMAT Division  
HAZMAT Transportation Certifier  
JDIAL x5666

-----Original Message-----

**From:** Tawn, Winston LSCS  
**Sent:** Sunday, March 03, 2013 9:23 AM  
**To:** Lansang, Ronald LSC  
**Subject:** Emailing: MSDS

Your message is ready to be sent with the following file or link attachments:

MSDS

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098


5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/025  
4 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4760)

1. Enclosure (1) contains a packet of (1) SFR (SFR# 4760) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
FW Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, March 04, 2013 10:30 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS RONALD REAGAN; 'Lansang, Ronald LSC'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS RONALD REAGAN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4760

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4760) FINISH, FLOOR, NONBUFFING, (Part# 61189723 GEMSTAR LASER), NSN: 7930-01-442-5948  
(d) POC for the USS Ronald Reagan (CVN-76): LSC (SW/AW) Ron Lansang  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.



2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 22, 2013 10:28 AM  
**To:** 'USS GERMANTOWN (LSD-42) (ger@saltsmail.salts.navy.mil)'; 'Page, Ernest HT2(SW)'; 'Wickham, Seon H. LSCS(SW/AW), (SUPPLY DEPT LCPO)'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6. Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS GERMANTOWN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4761 (FINAL ANSWER)  
**Signed By:** mike.celona@navy.mil

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Germantown (LSD-42)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** HT2 (SW) Ernest Page Jr.

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4761) BEESWAX, TECHNICAL, (Part# GENUINE PURE BEESWAX SPECIFICATIONS), NSN: 9160-00-253-1171  
(d) POC for the USS Germantown (LSD-42): HT2 (SW) Ernest Page Jr.  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and assigned an SFR number by ref (b) and processed through the Hardware Systems Command (Technical Authorities (TA) ref (b) and (e). The following information provides the status of your SFR.

2. Concerning ref (c) SFR# 4761 per ref (e):

Mike,

SFR #4761: The SFR requested material (NSN: 9160-00-253-1171; Beeswax, Technical) is not hazardous. Therefore, the requested material should not be listed on the SHML. Hazardous codes should be updated to reflect the non-hazardous nature of the material.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

Therefore, NSN: 9160-00-253-1171 IS APPROVED FOR USE but will not be added to the SHML because it is not a hazardous NSN product.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Thursday, March 21, 2013 2:19 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS M077  
**Subject:** SFR #4761  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Germantown (LSD 42)

SFR #4761: The SFR requested material (NSN: 9160-00-253-1171; Beeswax, Technical) is not hazardous. Therefore, the requested material should not be listed on the SHML. Hazardous codes should be updated to reflect the non-hazardous nature of the material.

*use but do not add to SHML*

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 3/13/2013 <b>FPO#:</b> AP96666 – 1730 <b>UIC#:</b> 21639 <b>TYCOM:</b> SURFPAC			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4761  <b>ATTACHED FROM (SHIP):</b> USS GERMANTOWN (LSD-42)  <b>PRODUCT NAME:</b> BEESWAX, TECHNICAL  <b>DATE ON SFR:</b> 2/22/2013
NAVICP-M	3/13/2013	MC	<b>NSN/NIIN:</b> 9160-00-253-1171 <b>CAGE:</b> 59148 <b>PART NUMBER/DRAWING/SPECIFICATION:</b> GENUINE PURE BEESWAX SPECIFICATIONS
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) ODXKZ
			<b>MIP:</b> 7111/038  <b>MRC:</b> R-4W
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE
			<b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> 4580, 4601, 4603, 4613, 4629, 4652 & 4688.			<b>NOTES:</b> 9/N1/B 1 POUND CAKE

AP96666-1730

Current Date: 2/22/2013

**RECEIVED**  
MAR 13 2013  
BY: SFR 4761

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)**

NIS

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS GERMANTOWN LSD

HULL NUMBER: 42

TYCOM: CHOOSE ONE

UIC: 21639

Serial Number: 00001

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION**

(To include equipment/application this material is to be used on):  
BEESWAX-USED FOR PMS ON 2MM MACHINE GUNS, MK48 MOD 0 EOS. MIP 7111/038 R-4W. WHILE AT SEA WEEKLY, PRIOR TO FIRING, AFTER FIRING, AND FOUR HOURS OF CONTINUOUS OPERATION.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

See SFR 4580, 4601, 4603, 4613, 4629, 4652, 468

MAINTENANCE INDEX PAGE (MIP) #: 7111/038

NOT HAZARDOUS

MAINTENANCE REQUIREMENT CARD (MRC #: R-4W

APL OR AEL: 0-00602A247

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 26

**III. MANUFACTURER DATA**

(If requested NSN is provided proceed to section IV)

NSN: 9160-00-253-1171

~~MANUFACTURER: BABANT AND SONS, INC.~~ **AMERICAN WAX IMPORTERS & REFINERS**

PHONE: 217-847-3324

212-947-6505

ITEM OR TRADE NAME: BEESWAX, TECHNICAL

PART NUMBER OR SPECIFICATION: ~~W00-302~~ **GENUINE PURE BEESWAX SPECIFICATIONS**

UNIT OF ISSUE: ~~EA~~ **LB**

UNIT OF MEASURE: **1 LB CAKE**

**IV. ENDORSEMENTS**

REQUESTORS NAME: PAGE, ERNEST JR.

RANK: E-5

EMAIL: [page@lsd42.navy.mil](mailto:page@lsd42.navy.mil)

DATE PREPARED: 22 FEB 2013

COMMANDER OR DESIGNEE NAME: CDR C. MCKENZIE

RANK: O-5

EMAIL:

DATE: 23 FEB 13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: [wraps.prime.fct@navy.mil](mailto:wraps.prime.fct@navy.mil)

**Celona, Michael J CIV NAVSUP WSS, M077**

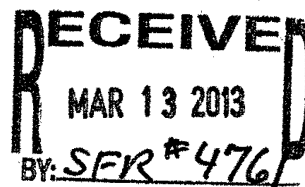
---

**From:** Page, Ernest HT2(SW) [page@lsd42.navy.mil]  
**Sent:** Wednesday, March 13, 2013 1:13 AM  
**To:** wraps.prime.fct  
**Cc:** Wickham, Seon H. LSCS(SW/AW), (SUPPLY DEPT LCPO)  
**Subject:** FW: Scan from a Xerox WorkCentre  
**Attachments:** DOC001.PDF

To Whom It May Concern:

FBR (SHML) for approval;

V/r,  
Ernest Page Jr. HT2(SW)  
HMC&M Technician (9595)  
Hazmat Center LPO/HE01  
USS Germantown LSD 42  
FPO-AP 96666-1730  
Cell# :08032435221  
Office# : 0956503785 ext.264



"The ultimate measure of a man is not where he stands in moments of comfort, but where he stand at times of challenge and comtroversy."

-Martin Luther King Jr.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, March 13, 2013 9:47 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** 'USS GERMANTOWN (LSD-42) (ger@saltsmail.salts.navy.mil)'; 'Page, Ernest HT2(SW)'; 'Wickham, Seon H. LSCS(SW/AW), (SUPPLY DEPT LCPO)'; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS GERMANTOWN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4761 (SFR NUMBER CORRECTION)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4761) BEESWAX, TECHNICAL, (Part# GENUINE PURE BEESWAX SPECIFICATIONS), NSN: 9160-00-253-1171  
(d) POC for the USS Germantown (LSD-42): HT2 (SW) Ernest Page Jr.  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.



2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098


5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/027  
13 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4761)

1. Enclosure (1) contains a packet of (1) SFR (SFR# 4761) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
for Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, March 20, 2013 1:23 PM  
**To:** 'USS FRANK CABLE aza@saltsmail.salts.navy.mil'; 'Taimanao, Rohito F. (MSC)'; 'Terrell, David Civilian E MSC'; 'Arciaga, Ronald R (MSC)'; 'Hasiak, Andrzej C. GM1'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; McHugh, John CIV MSC N46  
**Subject:** USS FRANK CABLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4762 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanding Officer, USS Frank Cable (AS-40)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** YNSK Rohito Taimanao

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4762) COATING COMPOUND, ANTI-SWEAT, (Part# TT-C-492), NSN: 8010-00-965-2507  
(d) POC for the USS Frank Cable (AS-40): YNSK Rohito Taimanao  
(e) MSC POC John McHugh, Tel: (757) 443-1473

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) & (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4762 per ref (e):

Mike,

To answer the Hazmat Ship's Feedback Report (SFR 4762) requirements on USNS Frank Cable (AS-40). As per Chief Engineer Hildreth Endorsement dated 3/13/13 (SFR feedback Report) Plea

change the T-SHML Allowed on board (AOB) code from P-Prohibited to A-Allowed and continue processing the ship's Requirements for these Items.

SFR 4762 Material: NSN 8010-00-965-2507 Coating Compound, Anti Sweat

v/r

John McHugh

N4 Logistics Operations

Cargo Fuel & Hazmat Coordinator

757

Therefore, NSN: 8010-00-965-2507 IS APPROVED FOR USE and has been updated in the Master SHML and the "AS" T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** McHugh, John CIV MSC N46  
**Sent:** Wednesday, March 20, 2013 9:59 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** McHugh, John CIV MSC N46  
**Subject:** RE: USS FRANK CABLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4762  
**Attachments:** SFR 4762 FOR YOUR REVIEW.PDF  
**Signed By:** john.mchugh1@navy.mil

Mike

To answer the Hazmat Ship's Feedback Report (SFR 4762) requirements on USNS Frank Cable (AS-40). As per Chief Engineer Hildreth Endorsement dated 3/13/13 (SFR feedback Report) Please change the T-SHML Allowed on board (AOB) code from P-Prohibited to A-Allowed and continue processing the ship's Requirements for these Items.

SFR 4762 Material: NSN 8010-00-965-2507 Coating Compound, Anti Sweat

v/r  
John McHugh  
N4 Logistics Operations  
Cargo Fuel & Hazmat Coordinator  
757

*good A*

*CC/SB/MS-NO*

*iq*

*F.F4-H*

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, March 14, 2013 9:55  
**To:** McHugh, John CIV MSC N46  
**Cc:** 'USS FRANK CABLE [aza@saltsmail.salts.navy.mil](mailto:aza@saltsmail.salts.navy.mil)'; 'Taimanao, Rohito F. (MSC)'; Terrell, David Civilian E MSC; Arciaga, Ronald R (MSC); Hasiak, Andrzej C. GM1; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS FRANK CABLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4762

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanding Officer, Military Sealift Command (MSC) N41, Norfolk Virginia

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 3/14/2013    FPO#: AP96657 – 2615    UIC#: 45255    TYCOM: SURFPAC</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:    SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4762</b>  <b>ATTACHED FROM (SHIP):    USS FRANK CABLE (AS-40)</b>  <b>PRODUCT NAME: COATING COMPOUND, ANTI-SWEAT</b>  <b>DATE ON SFR:    3/8/2013</b>
<b>NAVICP-M</b>	<b>3/14/2013</b>	<b>MC</b>	<b>NSN/NIIN: 8010-00-965-2507    CAGE: 81348</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>TT-C-492</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined)</b> <b>P</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>DDCTS</b>
			<b>MIP: NONE</b>  <b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>  <b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: NONE</b>
			<b>TECHNICAL MANUAL: NONE</b>
			<b>AIRCRAFT APPLICATIONS: NO</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: F/F4/H    10-1 GALLON CONTAINERS PER CASE.</b>

RECEIVED  
MAR 14 2013  
BY: SFR 4762

Current Date: 3/8/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

MASTER (A)  
T-SHML (P)  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS Frank Cable

HULL NUMBER: AS-40

TYCOM: COMSUBPAC

UIC: 45255

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION

(To include equipment/application this material is to be used on):  
WEAPONS MAGAZINE REQUIRES ANTI-SWEAT COATING TO BE APPLIED TO PREVENT BUILD-UP OF  
CONDENSATION ON THE COOLING COIL AND CONDENSATION UNDER LAGGING INSIDE SPACE. MOISTURE  
COULD DAMAGE AND/OR DEGRADE STORED AMMUNITION AND ALLOW MOLD BUILDUP DUE TO A LACK OF  
VENTILATION.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV: N/A ESTIMATED YEARLY REQUIREMENT: N/A

III. MANUFACTURER DATA

(If requested NSN is provided proceed to section IV)

NSN: 8010-00-965-3507

MANUFACTURER: MERCURY PAINT CORP.

PHONE: 881-813-8864

718-469-8787

Cage 8SEF4 (P/N- TT-C-492C  
ARTISWEAT OFF WHITE #37778

ITEM OR TRADE NAME: COATING COMPOUND, ANTI-SWEAT

VOC g/L = 199.0

PART NUMBER OR SPECIFICATION: N/A FLAT WHITE #37778, TT-C-492

UNIT OF ISSUE: GL

UNIT OF MEASURE: 10 GL

10 - 10L CO EA PER CASE

IV. ENDORSEMENTS

REQUESTOR'S NAME: HASIAK, ANDRZEJ

RANK: GM1/E6

EMAIL: hasiak@as40.navy.mil

DATE PREPARED: 08MAR13

DDCTS'

F/F4/H

COMMANDER OR DESIGNEE NAME: N.P. HILDRETH

RANK: CAPT.

EMAIL: hildreth@as40.navy.mil

DATE: 3/13/13

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

Cage 81348 P/N TT-C-492 Fed spec. provided. By GSA

GP266

TT-C-492C

FARWEST PAINT MFG. CO.  
206-244-8844

8SEF4

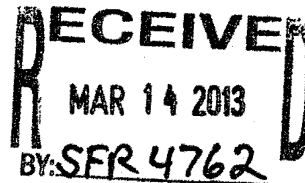
TT-C-492C

MERCURY PAINT CORP.  
718-469-8787

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Taimanao, Rohito F. (MSC) [taimanaor@as40.navy.mil]  
**Sent:** Thursday, March 14, 2013 12:15 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Terrell, David Civilian E MSC; Arciaga, Ronald R (MSC); Hasiak, Andrzej C. GM1; Taimanao, Rohito F. (MSC)  
**Subject:** AS40 SFR for WEPS  
**Attachments:** SFR.pdf



Sir,

My name is Rohito Taimanao replacement of Junne Villegas. I'm sending you

1 Prohibited item. Please see attached doc. Thank you and have a nice day.

V/r,

Rohito Taimanao (YNSK)  
USNS FRANK CABLE AS-40  
FPO AP 96657-2615



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, March 14, 2013 9:55 AM  
**To:** McHugh, John CIV MSC N46  
**Cc:** 'USS FRANK CABLE aza@saltsmail.salts.navy.mil'; 'Taimanao, Rohito F. (MSC)'; Terrell, David Civilian E MSC; Arciaga, Ronald R (MSC); Hasiak, Andrzej C. GM1; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS FRANK CABLE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4762

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanding Officer, Military Sealift Command (MSC) N41, Norfolk Virginia  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** John McHugh

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4762) COATING COMPOUND, ANTI-SWEAT, (Part# TT-C-492), NSN: 8010-00-965-2507  
(d) POC for the USS Frank Cable (AS-40): YNSK Rohito Taimanao  
(e) MSC POC John McHugh, Tel: (757) 443-1473

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) & (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, MSC TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/028  
14 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Military Sealift Command (MSC) N41,  
Norfolk Virginia  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR's (SFR# 4762)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4762) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, March 19, 2013 3:04 PM  
**To:** 'USS GEORGE H. W. BUSH (agp@saltmail.salts.navy.mil)'; 'Coluna, Eric P. LS1'  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Ichniowski, Matthew CIV nawcad, 6.0  
**Subject:** USS GEORGE H. W. BUSH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4764 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS George H. W. Bush (CVN-77)

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LS1 Coluna

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4764) ADHESIVE, (Part# 14310 DEVCON 2 TON EPOXY (1:1) & 2 TON EPOXY HARDENER), NSN: 8040-01-448-7564  
(d) USS George H. W. Bush (CVN-77) Point Of Contact (POC) LS1 Coluna  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4764 per ref (e):

Mike,

SFR #4764 ADHESIVE, (Part# 14310 DEVCON 2 TON EPOXY (1:1) & 2 TON EPOXY HARDENER), NSN: 8040-01-448-7564 is NOT authorized for use on IFLOLS sighting pole assembly. Use NSN 8040-00-162-

9704 for this process (same product, same size, except it is an active NSN with Navy interest). Please update the Allowed On Board (AOB) code for the CVN T-SHML to "R" Restricted to NAVAIR use only.

Matthew Ichniowski, P.E.  
Environmental Logistics 6.7.1.4  
301-866-2482

Therefore, NSN: 8040-01-448-7564 IS NOT APPROVED for use. In lieu of NSN: 8040-01-448-7564, use NSN 8040-00-162-9704 which has been updated in the Master SHML and the CVN T-SHML with an AOB code of "R" (RESTRICTED TO NAVAIR USE AND SUBMARINE USE ONLY).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Tuesday, March 19, 2013 2:36 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** 'Coluna, Eric P. LS1'  
**Subject:** RE: USS GEORGE H. W. BUSH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4764  
**Signed By:** matthew.ichniowski@navy.mil

Mike,

*Ref. Do not add.*

SFR #4764 ADHESIVE, (Part# 14310 DEVCON 2 TON EPOXY (1:1) & 2 TON EPOXY HARDENER), NSN: 8040-01-448-7564 is NOT authorized for use on IFLOLS sighting pole assembly. Use NSN 8040-00-162-9704 for this process (same product, same size, except it is an active NSN with Navy interest). Please update the AOB code for the CVN T-SHML to "R" Restricted to NAVAIR use

*only. And submarine use also per*  
Matthew Ichniowski, P.E. *Math phon con*  
Environmental Logistics 6.7.1.4 *w/M.C.*  
301-866-2482 *3-19-13*  
*1447HRS.*

*use*  
*(R)*  
*AS/cv/or/ms*

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077 *SUB use was already listed in remarks.*  
**Sent:** Tuesday, March 19, 2013 11:39 AM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** USS GEORGE H. W. BUSH ([agp@saltsmail.salts.navy.mil](mailto:agp@saltsmail.salts.navy.mil)); 'Coluna, Eric P. LS1'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS GEORGE H. W. BUSH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4764

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Matthew Ichniowski

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS

<b>ORIGINATOR:</b> <b>NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319</b> <b>FAX: 717-605-3480, DSN: 430-3480</b>			
<b>REC'D AT NAVICP: 3/18/2013    FPO#: AE09513 - 2803    UIC#: 23170    TYCOM: SURFLANT</b>			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:            SHIP HAZARDOUS MATERIAL LIST</b> <b>                         (SHML FEEDBACK REPORT (SFR))</b>  <b>SFR # 4764</b>  <b>ATTACHED</b> <b>FROM (SHIP):        USS GEORGE H. W. BUSH (CVN-77)</b>  <b>PRODUCT NAME: ADHESIVE</b>  <b>DATE ON SFR:        2/26/2013</b>
<b>NAVICP-M</b>	<b>3/19/2013</b>	<b>MC</b>	<b>NSN/NIIN: 8040-01-448-7564                    CAGE: 16059</b>
<b>NSWCCD</b>			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> <b>14310 DEVCON 2 TON EPOXY (1:1) &amp; 2 TON EPOXY</b> <b>HARDENER</b>
<b>ISEA</b>			<b>SHML STATUS: (NIS=Not in SHML; A=Authorized;</b> <b>                         P= Prohibited; R=Restricted;</b> <b>NIS                    O=Obsolete; N=Not Determined)</b>
			<b>MSDS NUMBER: (NIH=Not In HMIRS)</b> <b>CTNFI</b>
			<b>MIP: NONE</b>  <b>MRC: NONE</b>
<b>LCM/ISEA</b>			<b>MIP/MRC: NONE</b>
			<b>APL: NONE</b>  <b>AEL: NONE</b>
<b>NAVICP-M</b>			<b>APL/AEL: 0995000976</b>
			<b>TECHNICAL MANUAL: NAVAIR DWG NO. 3429AS2140</b>
			<b>AIRCRAFT APPLICATIONS: YES</b>
<b>RELATED SFR's: NONE</b>			<b>NOTES: C/B1/H FOR EPOXY AND T/T6/H FOR HARDENER.</b> <b>25 ML TUBE.</b>  <b>NSN HAS NO NAVY USE AND NO COG.</b>  <b>I NO LONGER HAVE AUTHORITY TO GET MAINTENANCE</b> <b>ACTIONS ACCOMPLISHED DUE TO FUNDING ISSUES.</b>

AE09513-2803

Current Date: 26 FEB 13

RECEIVED  
MAR 18 2013  
BY: SFR 4764

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS George H. W. Bush

HULL NUMBER: CVN-77

TYCOM: COMNAVAIRFOR

UIC: 23170

Serial Number: 3052

AIRCRAFT RELATED: Yes X No

I. JUSTIFICATION (To include equipment/application this material is to be used on):  
Epoxy is needed to repair IFLOS sighting pole assembly in accordance with NAVAIR DWG NO.  
3429AS2140. Requesting that material to be added in SHML with AOB code of "A" or "R".

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

NO COO-NAVY USE

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: 0995000976

TECH MANUAL: NAVAIR DWG NO. 3429AS2140 REV. N/A ESTIMATED YEARLY REQUIREMENT: 1

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 8040-01-448-7564

Cage 16059

MANUFACTURER: ITW DEVCON

PHONE: 978-777-1100

ITEM OR TRADE NAME: 14310 DEVCON 2 TON EPOXY (111) AND 2 TON EPOXY HARDENER

PART NUMBER OR SPECIFICATION: 2-TON CLEAR EPOXY

RESIN

CTNFW

T-TG-H

CTNFW

GBI-H

UNIT OF ISSUE: TU

UNIT OF MEASURE: 25 ML

COLOR: CLEAR PASTE

IV. ENDORSEMENTS

REQUESTORS NAME: LS1 COLUNA

RANK: E-6

EMAIL: colunaep@cvn77.navy.mil

DATE PREPARED: 26 FEB 13

COMMANDER OR DESIGNEE NAME: TRENT C. KALP

RANK: O-5

EMAIL: kalptc@cvn77.navy.mil

DATE: 15 Mar 13

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fot@navy.mil

Cage # RZG3

P/N: 1233

VENDOR: ILLINOIS TOOL WORKS INC,  
978-646-5853



**Celona, Michael J CIV NAVSUP WSS, M077**

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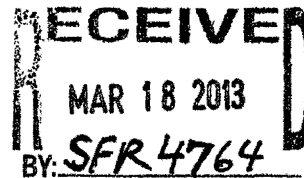
**From:** Coluna, Eric P. LS1 [colunaep@cvn77.navy.mil]  
**Sent:** Monday, March 18, 2013 11:41 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR For Adhesive  
**Attachments:** ADHESIVE014487564.pdf

Mike,

Attached is another SFR. Thanks.

v/r

LS1 Coluna



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Tuesday, March 19, 2013 11:39 AM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** USS GEORGE H. W. BUSH (agp@saltsmail.salts.navy.mil); 'Coluna, Eric P. LS1'; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS GEORGE H. W. BUSH: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4764

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Matthew Ichniowski

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4764) ADHESIVE, (Part# 14310 DEVCON 2 TON EPOXY (1:1) & 2 TON EPOXY HARDENER), NSN: 8040-01-448-7564  
(d) USS George H. W. Bush (CVN-77) Point Of Contact (POC) LS1 Coluna  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon re (e) recommendation, NAVAIR TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis approval/disapproval of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE 5450 CARLISLE PIKE - PO BOX 2020  
PHILADELPHIA PA 19111-5098 MECHANICSBURG PA 17055-0788

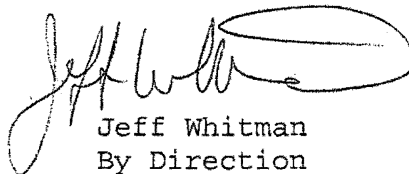
COM 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772//030  
19 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772  
To: Commanding Officer, Naval Aviation Depot, Patuxent River  
MD.

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR #4764)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4764) for your review/recommendation.
2. (SFR# 4764) ADHESIVE, (Part# 14310 DEVCON 2 TON EPOXY RESIN (1:1) & 2 TON EPOXY HARDENER), NSN: 8040-01-448-7564
3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 29, 2013 10:24 AM  
**To:** Richardson, David W CTR CNAP, N412  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1. Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 4 Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4765 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, all CVN Class Hulls

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Dave Richardson

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
9b (c) (SFR #4765) FOOD WARMER, (Part# DIABLO CHAFING FUEL DH600), NSN: 7310-01-516-2413  
(d) POC for ALL CVN HULLS: Dave Richardson, OPS-Environmental Support, CNAP NAS NORTH ISLAND, San Diego, CA  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed assigned an SFR number by ref (b) and processed through the Hardware Systems Control Technical Authorities (TA) ref (b) and (e). The following information provides status of your SFR.

2. Concerning ref (c) SFR# 4765 per ref (e):

Mike,

All CVN Hulls

SFR #4765: The SFR requested material (NSN: 7310-01-516-2413, Food Warmer) is requested to replace the currently authorized material used for food warming (NSN: 9110-00-391-7813). Since the requested material has a lower flammability rating, does not contain Methanol, and is more efficient and economical, the requested material should be listed on the Master and all T-SHML's, excluding LCS T-SHML, with an Allowed On Board (AOB) of R - restricted to food warming purposes, replaces 003917813), and given an MMI of Y. Once the requested NSN is listed on the SHML, the AOB of the current NSN 9110-00-391-7813 should be changed from A to R on the Master and all T-SHML's.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore NSN: 7310-01-516-2413 IS APPROVED FOR USE and will be added to the Master SHML and all T-SHML's (minus the LCS T-SHML) with an AOB code of "R" (RESTRICTED TO FOOD WARMING PURPOSES, REPLACES NIIN: 003917813).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Richardson, David W CTR CNAP, N412  
**Sent:** Monday, April 01, 2013 10:00 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: SFR #4765  
**Signed By:** david.w.richardson1.ctr@navy.mil

Marianne

My mistake on the SFR submittal, this should have been an NSN add. Understand you are here to reduce HM but this really comes down to lack of system availability (especially overseas) and personal preferences of each individual ship (carrier). New NSN is not system wide supported; most ships carry some level of the old NSN, approval to utilize new NSN will support procurement actions in overseas areas. I will do everything I can along with the CNAF food service folks to migrate to the new NSN for all carriers and eliminate the old NSN usage. Direct cancelling of the old NSN at this time would only cause more problems for the ships.

V/r  
Dave

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 29, 2013 11:34  
**To:** Richardson, David W CTR CNAP, N412  
**Cc:** Celona, Michael J CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** FW: SFR #4765

Dave,

Would you please answer Marianne's question? I don't remember all the details you gave me so I think you could do a better job at answering this.

I do know that 9110-00-391-7813 is a good NSN in DLSC and WebFLIS and it is listed in the SHML under the AS/CG/CV/DG/FG/LH/LP T-SHML's with an AOB code of "A" (authorized for shipboard use).

Have a good weekend everyone.  
Mike

-----Original Message-----

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, March 29, 2013 14:28  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: SFR #4765

Mike,

The SFR was submitted as if the requested NSN was to replace the current NSN. Do you know exactly why both are needed? I am under the impression that both items serve the same purpose, but the requested one is more efficient. We aim to substitute and minimize the authorized, which is why I am hesitant to have both authorized.

Respectfully,

Marianne

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077  
Sent: Friday, March 29, 2013 12:51  
To: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Subject: RE: SFR #4765  
Importance: High

Marianne,

Dave Richardson (the SFR submitter wants to know if we can keep the 9110-00-391-7813 in the SHML because it also is vital to the fleet since they all use it. They need both NSN's.

Mike

-----Original Message-----

From: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Sent: Friday, March 29, 2013 8:43  
To: Celona, Michael J CIV NAVSUP WSS, M077  
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS, M077  
Subject: SFR #4765

Mike,

All CVN Hulls

SFR #4765: The SFR requested material (NSN: 7310-01-516-2413, Food Warmer) is requested to replace the currently authorized material used for food warming (NSN: 9110-00-391-7813). Since the requested material has a lower flammability rating, does not contain Methanol, and is more efficient and economical, the requested material should be listed on the Master and all T-SHMLs, excluding LCS T-SHML, with an AOB of R - restricted to food warming purposes, replaces 003917813), and given an MMI of Y. Once the requested NSN is listed on the SHML, the AOB of the current NSN 9110-00-391-7813 should be changed from A to P on the Master and all T-SHMLs.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)



**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, March 29, 2013 8:43 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Houde, Jennifer S CIV NAVSUP WSS M077  
**Subject:** SFR #4765  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

All CVN Hulls

9B good R

SFR #4765: The SFR requested material (NSN: 7310-01-516-2413, Food Warmer) is requested to replace the currently authorized material used for food warming (NSN: 9110-00-391-7813). Since the requested material has a lower flammability rating, does not contain Methanol, and is more efficient and economical, the requested material should be listed on the Master and all T-SHMLs, excluding LCS T-SHML, with an AOB of (R)- restricted to food warming purposes, replaces 003917813), and given an MMI of Y. Once the requested NSN is listed on the SHML, the AOB of the current (NSN 9110-00-391-7813) should be changed from (A) to (P) on the Master and all T-SHMLs.

AOB of A to P on all T-Shmls

Respectfully,  
Marianne

NOT ACTING ON THIS  
UNTIL MARIANNE GETS  
BACK TO ME.

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 3/21/2013 <b>FPO#:</b> N/A – <b>UIC#:</b> N/A <b>TYCOM:</b> SURFPAC			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4765  <b>ATTACHED FROM (SHIP):</b> ALL CVN HULLS  <b>PRODUCT NAME:</b> FOOD WARMER  <b>DATE ON SFR:</b> 3/20/2013
NAVICP-M	3/21/2013	MC	<b>NSN/NIIN:</b> 7310-01-516-2413 <b>CAGE:</b> 7T412
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> DIABLO CHAFING FUEL DH600
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> 5/T6/A 24-8.5 OUNCE CANS PER CASE NSN HAS NO NAVY USE AND NO MANAGEMENT I NO LONGER HAVE AUTHORITY TO GET MAINT ACTIONS ACCOMPLISHED DUE TO FUNDING IS

RECEIVED  
MAR 21 2013  
BY: SFR 4765

Current Date: 3/21/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIH  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: COMNAVAIRPAC

HULL NUMBER:

TYCOM: COMNAVIARPAC

UIC: 57025

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on)

DIABLO DH 600 IS A LONGER LASTING (6 HOUR) CHAFFING DISH HEATING SOURCE THAN THE CURRENT SHIPBOARD APPROVED PRODUCT (45 MINUTES). LONGER LASTING PRODUCT REQUIRES LESS EFFORT ON CULINARY SPECIALIST TO MAINTAIN FOOD LINES AT REQUIRED HEAT LEVELS DURING OFFICIAL SHIPS FUNCTIONS. COMPARATIVE UNIT OF MEASURE SIZES FOR OTHER BRANDS MAKES DIABLO DH 600 MORE ECONOMICAL TO USE.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 9110-00-391-7813

**II. TECHNICAL DATA**

NO NAVY USE  
NO MANAGEMENT DATA

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

9p NSN: 7310-01-516-2413

MANUFACTURER: LE-JO ENTERPRISES INC

PHONE: 484-921-9000

ITEM OR TRADE NAME: FOOD WARMER

DEIRDS OR DOMINIC X212

PART NUMBER OR SPECIFICATION: DIABLO 6 HOUR DH600

52.00 PER CASE  
24 PER CASE

UNIT OF ISSUE: CN

UNIT OF MEASURE: 8.50Z

NOT IN HMIRS  
5/16/11

**IV. ENDORSEMENTS**

MSDS ATTACHED

REQUESTORS NAME: DAVID RICHARDSON

RANK: GS12E

EMAIL: DAVID.W.RICHARDSON1.CTR@NAVY.MIL

DATE PREPARED: 20MAR2013

COMMANDER OR DESIGNEE NAME: BRIAN ANDERSON

RANK: CDR, SC, USN

EMAIL: BRIAN.ANDERSON11@NAVY.MIL

DATE: 20MAR2013

SIGNATURE:

*[Signature]* CDR, SC X412 CNAT

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil



# DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE 5450 CARLISLE PIKE - PO BOX 2020  
PHILADELPHIA PA 19111-5098 MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/036  
29 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSES),  
Code 6350

Subj: FORWARDING OF REQUEST FOR REINSTATEMENT OF NAVY INTEREST,  
MANAGEMENT DATA AND LOADING NSN DATA INTO NAVY ERP FOR  
NSN: 9B 7310-01-516-2413 (SFR# 4765)

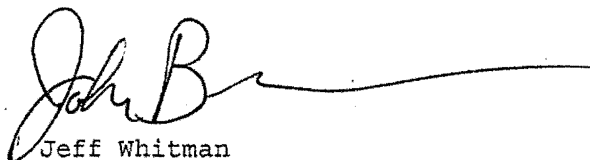
Attn: John Eisenbarger

Encl: (1) REQUEST FOR REINSTATEMENT OF NAVY INTEREST/MANAGEMENT  
DATA AND LOADING NSN DATA INTO NAVY ERP FOR NSN:  
9B 7310-01-516-2413

1. Enclosure (1) contains a packet of one (1) request for  
reinstatement of Navy Interest and COG (9B) for the  
following NSN:

FOOD WARMER  
NSN: 7310-01-516-2413  
Mfg. Part No. DH600  
Unit of Issue, BX  
Unit of Measure, 24-8.5 OUNCE CANS EACH  
Cog 9B  
FSC 7310  
Cage 7T412  
SMCC-5  
HCC-T6  
TOS-A  
SHELF LIFE 0  
Shelf Life Action Code 00  
Cost \$52.00 per case

2. Our point of contact in the Asset Protection-Pollution Prevention  
and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN 430-8319  
or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 29, 2013 2:15 PM  
**To:** Eisenbarger, John CIV NSWCCD Philadelphia, 9450  
**Cc:** Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** REINSTATEMENT OF MANAGEMENT DATA, NAVY USE AND ADD TO NAVY ERP (SFR# 4765)  
**Attachments:** REINSTATEMENT OF MANAGEMENT DATA, NAVY USE AND ADD TO NAVY ERP

John,

Concerning SFR# 4765,

Any questions, please let me know.

Respectfully,

Mike Celona

NWSS

Mechanicsburg, PA

717-605-8319

DSN: 430-8319

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Richardson, David W CTR CNAP, N412  
**Sent:** Thursday, March 21, 2013 1:04 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFR submission  
**Attachments:** DIABLO SFR.pdf  
**Signed By:** david.w.richardson1.ctr@navy.mil

**RECEIVED**  
MAR 21 2013  
BY: SFR 4765

Mike

I don't usually submit SFR's so be kind.

No product data sheet available on line for DIABLO product, NO MSDS in HMIRS for DIABLO.

Also provide basic burn rate data on current products (BLAZE & STERNO) NIIN: 00-391-7813, MSDS's in HMIRS.

Any question just ask, I am the POC for this.

V/r  
Dave

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, March 21, 2013 3:30 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4765

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4765) FOOD WARMER, (Part# DIABLO CHAFING FUEL DH600), NSN: 7310-01-516-2413  
(d) POC for ALL CVN HULLS: Dave Richardson, OPS-Environmental Support, CNAP NAS NORTH ISLAND, San Diego, CA  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.





# DEPARTMENT OF THE NAVY

## NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

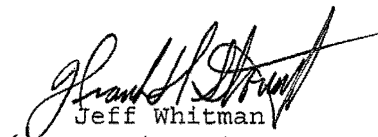
5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/031  
21 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSS),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4765)

1. Enclosure (1) contains a packet of (1) SFR (SFR# 4765) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
For By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, May 01, 2013 8:05 AM  
**To:** 'USS MESA VERDE (adg@saltsmail.salts.navy.mil)'; 'Euceda, Jennie M. LS1'; 'Kulesovas, Eugenijus LS2'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS MESA VERDE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4766-4768 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Mesa Verde (LPD-19)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

**Attn:** LS1 (SW/AW) Euceda

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4766) TEST KIT, CHLAMYDIA TRACHOMATIS DETECTION, (Part# OB006 QUICKVUE CHLAMYDIA TEST), NSN: 6550-01-496-3355  
(d) (SFR #4767) TEST KIT, STREPTOCOCCI GROUP A DETECTION, → *SMCC-A* (Part# 20122 QUICKVUE+ STREP A KIT), NSN: 6550-01-506-8217  
(e) (SFR #4768) CLEANER, IMAGING PLATES, (Part# CR PHOSPHOR PLATE CLEANER EFOJH), NSN: 6525-01-514-0490  
(f) POC for the USS Mesa Verde (LPD-19): LS1 (SW/AW) Euceda  
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (e) SFR's from ref (f). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (g). The following information provides the current status of your SFR's.

2. Concerning ref (c) through (e) SFR's #4766-4768 per ref (g):

Mike,

USS Mesa Verde (LPD 19)

SFR #4766: The SFR requested material (NSN: 6550-01-496-3355; Test Kit, Chlamydia Trachomatis Detection) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is V. It is recommended that the material be assigned a SMCC of A. Until the material's SMCC is updated, the material shall be listed on the Master SHML and LPD T-SHML with an AOB of R - restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

SFR #4767: The SFR requested material (NSN: 6550-01-506-8217; Test Kit, Streptococci Group A Detection) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is W. It is recommended that the material be assigned a SMCC of A. Until the material's SMCC is updated, the material shall be listed on the Master SHML and LPD T-SHML with an AOB of R - restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

SFR #4768: The SFR requested material (NSN: 6525-01-514-0490; Cleaner, Imaging Plates) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is F. It is recommended that the material be assigned a SMCC of A. Until the material's SMCC is updated, the material shall be listed on the Master SHML and LPD T-SHML with an AOB of R - restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, ref (c) through (e) NSN's ARE APPROVED FOR USE and have been updated in the Master SHML and the LPD T-SHML with an AOB code of "R" (RESTRICTED TO MEDICAL/DENTAL USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Monday, April 29, 2013 2:21 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** SFRs #4766-4768  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Mesa Verde (LPD 19)

LP/OT/MS (R)

SFR #4766: → A-CI-H 9B  
The SFR requested material (NSN: 6550-01-496-3355; Test Kit, Chlamydia Trachomatis Detection) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is (V). It is recommended that the material be assigned a SMCC of (A). Until the material's SMCC is updated, the material shall be listed on the Master SHML and (LPD) T-SHML with an AOB of (R) restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

SFR #4767: → A-CI-H 9B LP/OT/MS (R)  
The SFR requested material (NSN: 6550-01-506-8217; Test Kit, Streptococci Group A Detection) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is (W). It is recommended that the material be assigned a SMCC of (A). Until the material's SMCC is updated, the material shall be listed on the Master SHML and (LPD) T-SHML with an AOB of (R) restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

SFR #4768: → A-FR-H 9B LP/OT/MS (R)  
The SFR requested material (NSN: 6525-01-514-0490; Cleaner, Imaging Plates) is required for medical/dental use only. Medical/dental materials that have no other non-medical/dental requirements should have a SMCC of A and therefore, do not require to be listed on the SHML. However, the SMCC of the requested material is (F). It is recommended that the material be assigned a SMCC of (A). Until the material's SMCC is updated, the material shall be listed on the Master SHML and (LPD) T-SHML with an AOB of (R) restricted to medical/dental use. Once the SMCC is updated, the material shall be removed from the Master SHML and LPD T-SHML.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

FOR ALL SFRs ABOVE  
SMCC - A

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Tuesday, April 30, 2013 2:26 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** FW: AMAL/ADAL Requested Materials (MAKING MEDICAL ITEMS AN SMCC OF 'A' THAT SHOULD BE SMCC OF F, V OR W)  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

4766-4768

-----Original Message-----

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Monday, April 29, 2013 14:07  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** AMAL/ADAL Requested Materials

Mike,

Just a heads up, I gained some insight into AMAL/ADAL items on the SHML. At the NAVSEA/NAVSUP meeting last week here in Philly, I had a conversation with John Bendick and Frank Stoudt about whether or not materials only required by the AMAL/ADAL should be listed on the SHML. According to John and Frank, those items that only have medical/dental requirements should have a SMCC of A and therefore, do not need to be listed on the SHML. However, as I have seen in a few SFRs, there are medical/dental required items, with no other requirements, that have a SMCC other than A. In that case, I was advised by John and Frank, to request in the SFR response that the SMCC of the item be changed to A, and further request that in the meantime until the SMCC is updated the item be placed on the SHML. Once the SMCC is updated, the item would be removed from the SHML.

I will be sending you a few of these responses shortly. Let me know if you have any questions.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/22/2013 FPO#: AP96629 - 2840 UIC#: 32421 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4766  <b>ATTACHED FROM (SHIP):</b> USS MESA VERDE (LPD-19)  <b>PRODUCT NAME:</b> TEST KIT, CHLAMYDIA TRACHOMATIS DETECTION  <b>DATE ON SFR:</b> 6/7/2012
NAVICP-M	3/22/2013	MC	<b>NSN/NIIN:</b> 6550-01-496-3355 <b>CAGE:</b> ØTH42 <b>PART NUMBER/DRAWING/SPECIFICATION:</b> OB006 QUICKVUE CHLAMYDIA TEST
NSWCCD			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
ISEA			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
RELATED SFR's: NONE			<b>NOTES:</b> V/C1/H 25 EACH PER PACKAGE. A-CI-H per NSWCCD

AP96629-2840

Current Date: 2/9/2013

**RECEIVED**  
**MAR 22 2013**  
 BY: SFR 4766

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
 FEEDBACK REPORT (SFR)**

NIS  
 NIT  
 NIH

This form needs to be completed if the Hazardous Material  
 that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MESA VERDE

HULL NUMBER: LPD 19

TYCOM: SURFLANT

UIC: 32421

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No**I. JUSTIFICATION**

(To include equipment/application this material is to be used on):

ITEM REQUIRED AS PART OF THE LABORATORY AUTHORIZED MEDICAL ALLOWANCE LISTING FOR THE RAPID  
 DETECTION OF CHLAMYDIA IN ENDOCERVICAL SPECIMENS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: 1 PG

**III. MANUFACTURER DATA**

(If requested NSN is provided proceed to section IV)

NSN: 6550-01-496-3355

Cage # TH42

MANUFACTURER: GUIDEL CORPORATION

PHONE: 800-874-1517

ITEM OR TRADE NAME: TEST KIT, CHLAMYDIA TRACHOMATIS DETECTIONPART NUMBER OR SPECIFICATION: OBP/6 QUICKVUE CHLAMYDIA TEST

UNIT OF ISSUE: PG

UNIT OF MEASURE: 25EA

V/C/H

**IV. ENDORSEMENTS**

NIH

MSDS ATTACHED

REQUESTORS NAME: LSI EUCEDA

RANK: E6

EMAIL: euceda.jm@lpd19.navy.milDATE PREPARED: 7 JUN 12

COMMANDER OR DESIGNEE NAME: CDR PEINKOWSKI

RANK: O5

EMAIL: co@lpd19.navy.mil

DATE:

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
 the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

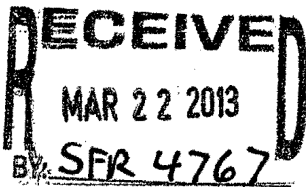
Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prima.fct@navy.mil

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 3/22/2013 <b>FPO#:</b> AP96629 - 2840 <b>UIC#:</b> 32421 <b>TYCOM:</b> SURFPAC			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4767  <b>ATTACHED FROM (SHIP):</b> USS MESA VERDE (LPD-19)  <b>PRODUCT NAME:</b> TEST KIT, STREPTOCOCCI GROUP A DETECTION  <b>DATE ON SFR:</b> 6/7/2012
NAVICP-M	3/22/2013	MC	<b>NSN/NIIN:</b> 6550-01-506-8217 <b>CAGE:</b> 07H42
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> 20122 QUICKVUE+ STREP A KIT
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> V/C1/H 1 KIT EACH. A-CI-H Re NSWCCD



Current Date: 2/9/2013



SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT  
NIH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MESA VERDE

HULL NUMBER: LPD 19

TYCOM: SURFLANT

UIC: 32421

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
ITEM REQUIRED AS PART OF THE LABORATORY AUTHORIZED MEDICAL ALLOWANCE LISTING FOR THE RAPID  
DETECTION OF GROUP A STREPTOCOCCAL ANTIGEN DIRECTLY FROM THROAT SWABS AND BETA HEMOLYTIC  
COLONIES RECOVERED FROM CULTURE.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: 1 KT

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

9B NSN: 6550-01-506-8217

Cage #TH42

MANUFACTURER: QUIDEL CORPORATION

PHONE: 800-874-1517

ITEM OR TRADE NAME: TEST KIT, STREPTOCOCCI GROUP A DETECTION

PART NUMBER OR SPECIFICATION: 20122 QUICKVue + STREP A KIT

UNIT OF ISSUE: KT

UNIT OF MEASURE: 1 KT

N/C/H  
N/H  
MSDS ATTACHED

**IV. ENDORSEMENTS**

REQUESTORS NAME: LSI EUCEDA

RANK: E6

EMAIL: euceda.jm@lpd19.navy.mil

DATE PREPARED: 7 JUN 12

COMMANDER OR DESIGNEE NAME: CDR PIENKOWSKI

RANK: O5

EMAIL: co@lpd19.navy.mil

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

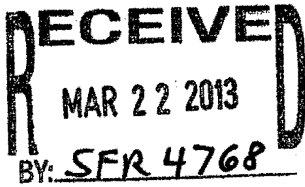
Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fot@navy.mil

<b>ORIGINATOR:</b> NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
<b>REC'D AT NAVICP:</b> 3/22/2013 <b>FPO#:</b> AP96629 – 2840 <b>UIC#:</b> 32421 <b>TYCOM:</b> SURFPAC			
<b>TO CODE:</b>	<b>RELEASE DATE:</b>	<b>INITIALS</b>	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4768  <b>ATTACHED FROM (SHIP):</b> USS MESA VERDE (LPD-19)  <b>PRODUCT NAME:</b> CLEANER, IMAGING PLATES  <b>DATE ON SFR:</b> 6/7/2012
NAVICP-M	3/22/2013	MC	<b>NSN/NIIN:</b> 6525-01-514-0490 <b>CAGE:</b> 07KD6
NSWCCD			<b>PART NUMBER/DRAWING/SPECIFICATION:</b> CR PHOSPHOR PLATE CLEANER EFOJH
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) NIH
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> NONE
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> NO
<b>RELATED SFR's:</b> NONE			<b>NOTES:</b> F/F2/H FOUR 0.5 LITER BOTTLES PER PACKAGE. <i>A-F2-H Per NSWCCD</i>

Current Date: 2/10/2013



SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)

NIS  
NIT  
NIH

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS MESA VERDE

HULL NUMBER: LPD 19

TYCOM: SURFLANT

UIC: 32421

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION**

(To include equipment/application this material is to be used on):

AMAL requirement! USS Mesa Verde has 12 Computed Radiography imaging cassettes (Also on AMAL) that require monthly cleaning with CR Phosphor Plate Cleaner to produce high quality radiographic images for patient care.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: 1 PG

**III. MANUFACTURER DATA**

(If requested NSN is provided proceed to section IV)

NSN: 6525 - 01 - 514 - 0490

Cage #7KDG

9B MANUFACTURER: AGFA CORP.

PHONE: 201-440-2500

ITEM OR TRADE NAME: CLEANER, IMAGING PLATES

PART NUMBER OR SPECIFICATION: CR PHOSPHOR PLATE CLEANER EFOJH

UNIT OF ISSUE: PG

UNIT OF MEASURE: FOUR 0.5L Bottles (EA)

**IV. ENDORSEMENTS**

REQUESTORS NAME: LS1 EUCEDA

RANK: E6

EMAIL: euceda1m@lpd19.navy.mil

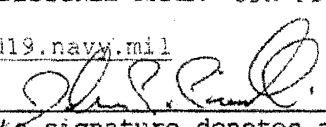
DATE PREPARED: 07JUN2012

COMMANDER OR DESIGNEE NAME: CDR PIENKOWSKI

RANK: O5

EMAIL: co@lpd19.navy.mil

DATE:

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-3480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Euceda, Jennie M. LS1 [jennie.euceda@lpd19.navy.mil]  
**Sent:** Friday, March 22, 2013 12:06 PM  
**To:** wraps.prime.fct  
**Cc:** Kulesovas, Eugenijus LS2  
**Subject:** FEEDBACK REPORTS ICO USS MESA VERDE LPD19  
**Attachments:** scan.pdf; scan.pdf; scan.pdf

Sir/Madam,

Attached please find feedback reports with MSDS.

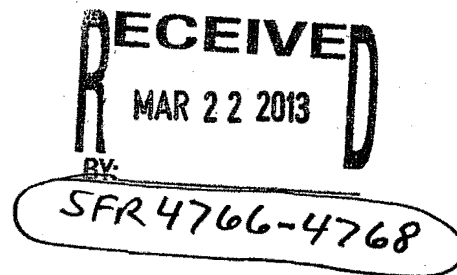
If you have any questions, please free to contact us.

V/r

LS1(SW/AW) Euceda

S1 LPO

USS Mesa Verde LPD19



## Celona, Michael J CIV NAVSUP WSS, M077

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 22, 2013 3:34 PM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS MESA VERDE (adg@saltsmail.salts.navy.mil); 'Euceda, Jennie M. LS1'; Kulesovas, Eugenijus LS2; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS MESA VERDE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4766-4768

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4766) TEST KIT, CHLAMYDIA TRACHOMATIS DETECTION, (Part# OB006 QUICKVUE CHLAMYDIA TEST), NSN: 6550-01-496-3355  
(d) (SFR #4767) TEST KIT, STREPTOCOCCI GROUP A DETECTION, (Part# 20122 QUICKVUE+ STREP A KIT), NSN: 6550-01-506-8217  
(e) (SFR #4768) CLEANER, IMAGING PLATES, (Part# CR PHOSPHOR PLATE CLEANER EFOJH), NSN: 6525-01-514-0490  
(f) POC for the USS Mesa Verde (LPD-19): LS1 (SW/AW) Euceda  
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (e) SFR's from ref (f). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (g). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (g) for further review and analysis. Upon ref (g) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (g) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



# DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT  
700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098


5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/032  
22 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772  
To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635  
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4766-4768)

1. Enclosure (1) contains a packet of three (3) SFR's (SFR# 4766-4768) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
for By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, April 24, 2013 1:29 PM  
**To:** Garrett, Anthony E CTR WXSP, WXSP; Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA  
**Cc:** Richardson, David W CTR CNAP, N412; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769 (FINAL ANSWER)  
**Signed By:** mike.celona@navy.mil

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commanders of all CVN Class Hulls

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Tony Garret, TriStar Engineering

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4769) NRP, RTV, AIRCRAFT EQ, (Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK), NSN: 6810-01-609-8693  
(d) Point Of Contact (POC) for all CVN hulls: Tony Garret, TriStar Engineering, ALQ-99 LBT Technical Lead, Code WXSP, Crane, IN  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Concerning ref (c) SFR# 4769 per ref (e):



Mike,

SFR #4769 NRP, RTV, AIRCRAFT EQ, (Part Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK), NSN: 6810-01-609-8693 is authorized for use by NAVAIR 16-35T1631-1 for repair of the Low Band Transmitter on the EA-6B and EA-18G. Please update the Allowed On Board (AOB) code for the CVN T-SHML to "R" Restricted to NAVAIR use only.

Note that the NSN (6810-01-609-8693) was very poorly cataloged and Mr. Tony Garret has submitted a request to NAVSUP to correct the cataloging errors. One of the corrections will be the updating of the FSC to 8030.

Matthew Ichniowski, P.E.  
Environmental Logistics 6.7.1.4  
301-866-2482

Therefore, NSN: 6810-01-609-8693 IS APPROVED FOR USE and has been updated in the Master SHML and the CV/CVN T-SHML with an AOB code of "R" (RESTRICTED TO NAVAIR USE ONLY).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Tuesday, May 14, 2013 8:32 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Stanko, Scott CIV NAVSUP WSS, M077  
**Subject:** RE: ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769  
**Signed By:** matthew.ichniowski@navy.mil

Mike,

The cataloging request to fix this NSN went through. In addition to some technical information the FSC has been changed to 8040, so the new NSN is 8040-01-609-8693. Don't know if that needs to be updated on the SHML/ERP?

Matt

*Completed  
mjc  
5-14-13*

-----Original Message-----

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Tuesday, April 23, 2013 2:57 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769

Mike,

SFR #4769 NRP, RTV, AIRCRAFT EQ, (Part Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK), NSN: 6810-01-609-8693 is authorized for use by NAVAIR 16-35T1631-1 for repair of the Low Band Transmitter on the EA-6B and EA-18G. Please update the AOB code for the CVN T-SHML to "R" Restricted to NAVAIR use only.

Note that the NSN (6810-01-609-8693) was very poorly cataloged and Mr. Tony Garret has submitted a request to NAVSUP to correct the cataloging errors. One of the corrections will be the updating of the FSC to 8030.

Matthew Ichniowski, P.E.  
Environmental Logistics 6.7.1.4  
301-866-2482

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, March 27, 2013 2:34 PM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** Garrett, Anthony E CTR WXSP, WXSP; Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; Richardson, David W CTR CNAP, N412; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aoe@saltsmail.salts.navy.mil](mailto:aoe@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Tuesday, April 23, 2013 2:57 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769  
**Signed By:** matthew.ichniowski@navy.mil

Mike,

*(IR) good R Coc-IR S/N/B AOB-R*

SFR #4769 NRP, RTV, AIRCRAFT EQ, (Part Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK), NSN: 6810-01-609-8693 is authorized for use by NAVAIR 16-35T1631-1 for repair of the Low Band Transmitter on the EA-6B and EA-18G. Please update the AOB code for the CVN T-SHML to "R" Restricted to NAVAIR use only. *CV/OT/MS/*

Note that the NSN (6810-01-609-8693) was very poorly cataloged and Mr. Tony Garret has submitted a request to NAVSUP to correct the cataloging errors. One of the corrections will be the updating of the FSC to 8030.

Matthew Ichniowski, P.E.  
Environmental Logistics 6.7.1.4  
301-866-2482

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, March 27, 2013 2:34 PM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** Garrett, Anthony E CTR WXSP, WXSP; Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; Richardson, David W CTR CNAP, N412; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD

**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

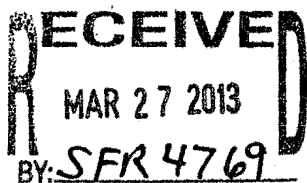
**Attn:** Matthew Ichniowski

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/27/2013 FPO#: ALL CVN - UIC#: CVN TYCOM: AIRLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  SFR # 4769  ATTACHED FROM (SHIP): ALL CVN HULLS  PRODUCT NAME: NRP, RTV, AIRCRAFT EQ  DATE ON SFR: 3/27/2013
NAVICP-M	3/27/2013	MC	NSN/NIIN: 6810-01-609-8693 CAGE: 71984
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; N O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) DHCKT
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: 16-35T1631-1
			AIRCRAFT APPLICATIONS: YES
RELATED SFR's: NONE			NOTES: 5/N1/A 1 TUBE EACH.



Current Date: 3/27/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML) **A03-N**  
FEEDBACK REPORT (SFR)

T-SHMLS - **ALL NO**

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: CVN

HULL NUMBER: CVN

TYCOM: COMNAVAIRFOR **NIT**

UIC: N/A

Serial Number: N/A

AIRCRAFT RELATED ☒ Yes ☐ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
Material required for repair of Low Band Transmitter (LBT) T-1631/ALQ-99(V). LBT is utilized on the EA-6B and EA-18G aircraft. This request is being submitted by the AN/ALQ-99 TJS FST Engineering/Logistics activity. This product requires approval for use aboard all CVNs with EA-6B and EA-18G aircraft.  
The Dow Corning 735 OIL RESISTANT SEALANT listed below has been discontinued. Dow Corning 832BLACK is a suitable replacement for this application.  
CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 8030-015009261 (735 OIL RESISTANT SEALANT)

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL:

TECH MANUAL: 16-35T1631-1

REV. N/A ESTIMATED YEARLY REQUIREMENT: 1 tube per year

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

**LR** NSN: 6810-01-609-8693

**Cage 71989**

MANUFACTURER: Dow Corning Corporation

PHONE: 989-496-7618

ITEM OR TRADE NAME: NRP, RTV, Aircraft Eq

PART NUMBER OR SPECIFICATION: 8418923-1 and 832BLACK

**DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK**

UNIT OF ISSUE: EA

UNIT OF MEASURE: Tube

**DHCKT 5/N/A**

**IV. ENDORSEMENTS**

**Cage 93346 / 8418923-1 / SENSOR AND ANTENNA SYSTEMS, P/N LANDDALE, INC.**

REQUESTORS NAME: Anthony Garrett

RANK: Civilian Contractor

EMAIL: anthony.e.garrett.ctr@navy.mil

DATE PREPARED: 3/27/2013

COMMANDER OR DESIGNEE NAME:

RANK:

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support  
P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Ichniowski, Matthew CIV nawcad, 6.0  
**Sent:** Thursday, April 04, 2013 9:44 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: SFR 4769  
**Signed By:** matthew.ichniowski@navy.mil

Mike,

Yes, I got it and am working it. The NSN was cataloged incorrectly, so I am getting it fixed before I approve it. The SFR might stay open for a while depending on the speed of NAVSUP/DLA to fix it.

Matt

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Thursday, April 04, 2013 9:41 AM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Subject:** SFR 4769

Matt,

Did you get SFR 4769 for review? I forwarded it to you on March, 17 last month. Just wanted to check to make sure I sent it.

Thanks.  
Mike

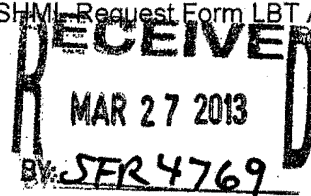
Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319  
DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
[mike.celona@navy.mil](mailto:mike.celona@navy.mil)

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

**Celona, Michael J CIV NAVSUP WSS, M077**

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**From:** Garrett, Anthony E CTR WXSP, WXSP  
**Sent:** Wednesday, March 27, 2013 11:36 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** RE: RTV/Anti-Seize SHIP BOARD APPROVAL  
**Attachments:** SHML Request Form 832 RTV 3-27-2013.docx; SHML Request Form LBT Anti-Seize 3-27-2013.docx  
**Signed By:** anthony.e.garrett.ctr@navy.mil



Mike,

I have attached two requests. I saw at the bottom of the sheet that these should be sent to the address listed. I wanted to have you review them first because it looks like this form was designed to be submitted by the ship. Please let me know what I need to do next. Thanks

Tony Garrett  
TriStar Engineering  
ALQ-99 LBT Technical Lead  
Code WXSP, Bldg 3330C  
NSWC Crane, IN

\*\*\*Update - NSWC Crane no longer allows the use of private cell phones (any cell phone not owned by the government) on base. If you need to speak with me please call the phone in the kiosk (812-854-3877). If I do not answer, send me an email. I do not have voice mail at this desk as I am not permanently assigned to this location.\*\*\*

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, March 22, 2013 16:19  
**To:** Garrett, Anthony E CTR WXSP, WXSP  
**Cc:** Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Tony,

I forwarded you the electronic SFR form (one SFR used for each NSN) along with the instruction concerning how to fill it out. If you have any questions, please give me a call. Have a great weekend.

Respectfully,  
Mike

Michael J. Celona  
Environmental Protection Specialist  
NAVSUP Weapon Systems Support (NWSS),  
5450 Carlisle Pike,  
Code 0772.23  
P.O. Box 2020  
Mechanicsburg Pa. 17055-0788  
Phone: (717) 605-8319

DSN: 430-8319  
Fax: (717) 605-3480  
DSN: Fax: 430-3480  
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

From: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Sent: Friday, March 22, 2013 16:05  
To: Garrett, Anthony E CTR WXSP, WXSP  
Cc: Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; Celona, Michael J CIV NAVSUP WSS, M077  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Tony,

I will need the relevant technical information that requires the material to be added to the SHML, as well as which hulls it applies to so that the Type SHMLs can be updated as well. The best way to submit this information would be through the SFR process, so that there will be a complete official record of the request and SHML update. You can obtain the information for submitting an SFR from Mike Celona (cc'd).

Mike,

Can you please provide Tony with what he needs to submit an SFR? Thank you.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

-----Original Message-----

From: Garrett, Anthony E CTR WXSP, WXSP  
Sent: Tuesday, March 19, 2013 10:26  
To: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; He, Marianne C CIV NSWCCD Philadelphia, 6350  
Cc: Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Marianne,

Have you had a chance to take a look at this?

Tony Garrett  
TriStar Engineering  
ALQ-99 LBT Technical Lead  
Code WXSP, Bldg 3330C  
NSWC Crane, IN



\*\*\*Update - NSWC Crane no longer allows the use of private cell phones (any cell phone not owned by the government) on base. If you need to speak with me please call the phone in the kiosk (812-854-3877). If I do not answer, send me an email. I do not have voice mail at this desk as I am not permanently assigned to this location.\*\*\*

-----Original Message-----

From: Garrett, Anthony E CTR WXSP, WXSP  
Sent: Tuesday, March 12, 2013 10:56  
To: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; He, Marianne C CIV NSWCCD Philadelphia, 6350  
Cc: Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Thank you Sarah.

Marianne,

What do you need from me to get this process started?

Tony Garrett  
TriStar Engineering  
ALQ-99 LBT Technical Lead  
Code WXSP, Bldg 3330C  
NSWC Crane, IN

\*\*\*Update - NSWC Crane no longer allows the use of private cell phones (any cell phone not owned by the government) on base. If you need to speak with me please call the phone in the kiosk (812-854-3877). If I do not answer, send me an email. I do not have voice mail at this desk as I am not permanently assigned to this location.\*\*\*

-----Original Message-----

From: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
Sent: Monday, March 11, 2013 6:11  
To: Garrett, Anthony E CTR WXSP, WXSP  
Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Tony,

I no longer work with the SHML. My replacement is Marianne He, copied on this email.

Sarah

Sarah Aschenbach  
Materials Engineer, Naval Fluids Branch Code 615  
Naval Surface Warfare Center, Carderock Division  
5001 S. Broad Street  
Philadelphia, PA 19112, BLDG 29  
sarah.aschenbach@navy.mil  
ph. (215) 897-7401  
fax (215) 897-8450

-----Original Message-----

From: Garrett, Anthony E CTR WXSP; WXSP

Sent: Wednesday, March 06, 2013 15:34

To: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350; Hammerer, Mary Q CIV NAVAIR 6.7.1.4

Cc: Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA

Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Sarah,

In the past I came to you when I needed to get the Master SHML updated. This time I have a new product that is not found in the Master SHML and I need to get it added as approved. NSN 6810-01-609-8693. What do you need me to do to get this process started?

Thank you

Tony

Tony Garrett

TriStar Engineering

ALQ-99 LBT Technical Lead

Code WXSP, Bldg 3330C

NSWC Crane, IN

\*\*\*Update - NSWC Crane no longer allows the use of private cell phones (any cell phone not owned by the government) on base. If you need to speak with me please call the phone in the kiosk (812-854-3877). If I do not answer, send me an email. I do not have voice mail at this desk as I am not permanently assigned to this location.\*\*\*

-----Original Message-----

From: Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350

Sent: Wednesday, April 27, 2011 13:09

To: Garrett, Anthony E CTR WXSP, WXSP; Hammerer, Mary Q CIV NAVAIR 6.7.1.4

Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Tony,

I just checked the April SHML, and 8040-01-501-0105 is still listed as prohibited. Just to clarify, this has both NAVSEA and NAVAIR use? If so, I will request that this be changed to Authorized. Please let me know what ship classes use this product so that we can update the appropriate Type SHMLs.

V/r,

Sarah

Sarah Aschenbach

Materials Engineer

Naval Surface Warfare Center, Carderock Division Code 635

5001 S. Broad Street

Philadelphia, PA 19112, BLDG 1000

sarah.aschenbach@navy.mil

ph. (215) 897-7401

fax (215) 897-7268

-----Original Message-----

From: Garrett, Anthony E CTR WXSP, WXSP  
Sent: Monday, April 25, 2011 11:22  
To: Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Mary,

Just wanted to touch base with you about getting this RTV into an approved status as I never heard anything back. Anything I need to do?

Tony Garrett  
TriStar Engineering  
ALQ-99 TJS FST  
Code WXSP, Bldg 3330C  
NSWC Crane, IN  
812-854-5174  
812-797-5195 (cell)

-----Original Message-----

From: Hammerer, Mary Q CIV NAVAIR 6.7.1.4  
Sent: Monday, April 04, 2011 12:51  
To: Garrett, Anthony E CTR WXSP, WXSP; Aschenbach, Sarah E CIV NSWCCD Philadelphia, 6350  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Tony - I am forwarding to the NAVSEA SHML POC.

Sarah - Last week I had Scott update the CV/CVN AOB code from P to R (Restricted to NAVAIR Use) for 8040015010105 [41-1015-0002 adhesive] but apparently we should change the AOB code to "A" or "R Restricted to POD" or something to that effect because the product will be used by both NAVSEA and NAVAIR. NAVSEA pubs authorizing its use, NAVSEA UEU (16-35CV4301-1) and 9/10 (16-35T1593-1) publications are being updated to include the 41-1015-0002 adhesive. You can contact Tony for more info and he can probably provide a better identifier for the system/process than POD.

Vr,  
Mary

-----Original Message-----

From: Garrett, Anthony E CTR WXSP, WXSP  
Sent: Monday, April 04, 2011 12:04 PM  
To: Hammerer, Mary Q CIV NAVAIR 6.7.1.4  
Cc: Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WXSM; Pirozek, Eugene CIV NAVSEA; Piotrowski, Leonard COMNAVAIRFOR, N421C1; Richardson, David W CTR CNAP/CNAF, N4; Ichniowski, Matthew CIV nawcad, 6.0; Kubale, Scott J CTR CVWP, Maintenance  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Mary,

The primer you are referring to is not a concern to us. We are going to be removing it from the technical publication. I have contacted the company that makes the 41-1015-0002 adhesive and a primer is not needed with this product. I see that you referred to the LBT publication and that the hazmat item would be restricted to use to NAVAIR. Does this mean that it can only be used for the LBT? The reason I ask is we are planning to change the UEU (16-35CV4301-1) and 9/10 (16-35T1593-1) technical publications to use this adhesive as well.

Tony Garrett  
TriStar Engineering  
ALQ-99 TJS FST  
Code WXSP, Bldg 3330C  
NSWC Crane, IN  
812-854-5174  
812-797-5195 (cell)

-----Original Message-----

From: Hammerer, Mary Q CIV NAVAIR 6.7.1.4  
Sent: Friday, April 01, 2011 15:59  
To: Garrett, Anthony E CTR WXSP, WXSP  
Cc: Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WWSM; Pirozek, Eugene CIV NAVSEA; Piotrowski, Leonard COMNAVAIRFOR, N421C1; Richardson, David W CTR CNAP/CNAF, N4; Ichniowski, Matthew CIV nawcad, 6.0  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

In looking at 16-35T1631-1, I did a quick check to confirm the other HMs were authorized for shipboard use.

Now that I have added 41-1015-0002, all of them are except for Primer S-2260. I did a search in FLIS and found two NIINS for that part number - both are terminal in the supply system and not authorized for shipboard use.

S-2260 71984 PRIMER,ADHESIVE 8040001048646 1 gallon [AAC = V TERMINAL ITEM. IDENTIFIES ITEMS IN STOCK, BUT FUTURE PROCUREMENT IS NOT AUTHORIZED. REQUISITIONS MAY CONTINUE TO BE SUBMITTED UNTIL STOCKS ARE EXHAUSTED. PREFERRED ITEM NATIONAL STOCK NUMBER IS NORMALLY PROVIDED BY APPLICATION OF THE PHRASE: WHEN EXHAUSTED USE (NSN). REQUISITIONS WILL BE SUBMITTED IN ACCORDANCE WITH IMM/SERVICE REQUISITIONING PROCEDURES AS APPLICABLE.]

S-2260 71984 PRIMER,ADHESIVE 8040007129058 340 grams [AAC = Y TERMINAL ITEM # (NON-STOCKED ITEMS) FUTURE PROCUREMENT IS NOT AUTHORIZED. NO WHOLESALE STOCK IS AVAILABLE FOR ISSUE. 1. REQUISITIONS WILL NOT BE PROCESSED TO THE WHOLESALE MANAGER. 2. INTERNAL SERVICE/AGENCY REQUISITIONING MAY BE CONTINUED IN ACCORDANCE WITH THE SERVICE/AGENCY REQUISITIONING POLICIES.]

Need to find an alternative primer in the supply system or have Navy interest re-established in the part number of choice. Once you decide, let me know and I will have the CV/CVN T-SHML updated, if necessary.

Vr,  
Mary

-----Original Message-----

From: Richardson, David W CTR CNAP/CNAF, N4  
Sent: Friday, April 01, 2011 2:42 PM  
To: Garrett, Anthony E CTR WXSP, WXSP  
Cc: Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WWSM; Pirozek, Eugene CIV NAVSEA; Piotrowski, Leonard COMNAVAIRFOR, N421C1; Hammerer, Mary Q CIV NAVAIR 6.7.1.4  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Mr. Garrett

The person you really need to work this item through is Ms. Mary Hammerer who I have cc'd.

V/r  
Dave

-----Original Message-----

From: Pirozek, Eugene CIV NAVSEA  
Sent: Friday, April 01, 2011 10:31  
To: Piotrowski, Leonard COMNAVAIRFOR, N421C1; Richardson, David W CTR CNAP/CNAF, N4; Garrett, Anthony E CTR WXSP, WXSP  
Cc: Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WXSM  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Thanks Lenny!

Mr Richardson, you will be getting contract by Mr. Garrett who is working this. T

Thanks

Gene Pirozek  
ALQ 99 TJS Task Manager  
AEA Systems Division  
812-854-6305 WK  
812-296-0805 Cell

-----Original Message-----

From: Piotrowski, Leonard COMNAVAIRFOR, N421C1  
Sent: Friday, April 01, 2011 13:27  
To: Pirozek, Eugene CIV NAVSEA  
Cc: Garrett, Anthony E CTR WXSP, WXSP; Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WXSM; Richardson, David W CTR CNAP/CNAF, N4  
Subject: RE: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Geno,

Contact Mr. David Richardson at CNAP (See CC line). He is your POC to getting items added.

S/F,  
Len

Leonard Piotrowski  
CNAL/CNAP AEA Class Desk  
Code N421C1  
EA-6B Avionics & Airframes Manager  
EA-18G EA Systems Manager  
757-445-1489 DSN 565  
NIPR: leonard.piotrowski@navy.mil  
SIPR: leonard.piotrowski@navy.smil.mil

"A system either functions as it was designed, or it is broken." GySgt K.J. Gagnon (Ret)

-----Original Message-----

From: Pirozek, Eugene CIV NAVSEA  
Sent: Friday, April 01, 2011 11:40  
To: Piotrowski, Leonard COMNAVAIRFOR, N421C1

Cc: Pirozek, Eugene CIV NAVSEA; Garrett, Anthony E CTR WXSP, WXSP; Sanders, Lora CIV NSWC, WXSP; Wilkins, Nicole CTR NAVSEA, WXSM

Subject: RTV/ADHESIVE for LBT and possibly 9/10 and UEU gaskets SHIP BOARD APPROVAL

Lenny before I asked the Bush I thought I would ask you- per our conversation how/who do I work with to get this added to Shipboard use/approval? This is what Tony found out-- plus I goggled it - Follow the link:

<http://adhesives.tpub.com/18/01-501-0105.htm>

P/N: 41-1015-0002, NSN: 8040015010105, Nomen: ADHESIVE:

Prohibited ( P ) - Item is not authorized for shipboard use. DO NOT ORDER.

Carried; on the FRC AUL only. VAQ would have to submit an HMAR with documentation to have it added to their AUL.

Thanks for any direction you send us.

Gene Pirozek  
ALQ 99 TJS Task Manager  
AEA Systems Division  
812-854-6305 WK  
812-296-0805 Cell

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, March 27, 2013 2:34 PM  
**To:** Ichniowski, Matthew CIV nawcad, 6.0  
**Cc:** Garrett, Anthony E CTR WXSP, WXSP; Pirozek, Eugene CIV NAVSEA; Taylor, Todd W CTR WXSS, NAVSEA; Richardson, David W CTR CNAP, N412; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** ALL CVN HULLS: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4769

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, Naval Air Systems Command, Patuxent River (NAVAIR PAX RIVER), MD  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Matthew Ichniowski

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480 NWSS-M  
(c) (SFR #4769) NRP, RTV, AIRCRAFT EQ,  
(Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK),  
NSN: 6810-01-609-8693  
(d) Point Of Contact (POC) for all CVN hulls: Tony Garret, TriStar Engineering, ALQ-99 LBT Technical Lead, Code WXSP, Crane, IN  
(e) Naval Air Systems Command, Patuxent River, MD., POC: Matthew Ichniowski, Nawcad 6.0, Tel: 301-866-2482

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NAVAIR TA will issue an authorization decision. At that time, ref (b) will

advise all POC's of the final analysis approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.





## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE 5450 CARLISLE PIKE - PO BOX 2020  
PHILADELPHIA PA 19111-5098 MECHANICSBURG PA 17055-0788

COM 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772//035  
27 March 2013

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg  
(NWSS-M), Pa., Code M0772  
To: Commanding Officer, Naval Aviation Depot, Patuxent River  
MD.

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR #4769)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4769) for your review/recommendation.  
  
(SFR# 4769) NRP, RTV, AIRCRAFT EQ,  
(Part# 8418923-1 & DOW CORNING 832 MULTI-SURFACE ADHESIVE SEALANT, BLACK),  
NSN: 6810-01-609-8693
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Friday, April 12, 2013 9:30 AM  
**To:** 'USS WASP (r3w@saltmail.salts.navy.mil)'; 'Orozco, Roel K. LT'; Visaya, Wilbert CIV NAVSUP FLC San Diego, Code 4312; 'Steeber, Mark J. LSCM'; 'Kaba, Ousseinou LS2'; 'Florica-Duncan, Audrey A. LSC'; 'Perna, Tenzin LSSR'; 'Stoniecki, Amy K. LT'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4770 (FINAL ANSWER CHANGED/UPDATED)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Wasp (LHD-1)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** LT Roel Orozco

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4770) EXTINGUISHER, FIRE, (Part# 33100010-2), NSN: 4210-01-205-7898  
(d) POC for the USS Wasp (LHD-1): LT Roel Orozco  
(e) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4770 SFR answer updated/changed per ref (e):

Mike,

Originally, I had concurrence from my ODS POC that the requested material was authorized; however, upon further research, they are no longer authorizing it. So, I would like to update the response to the following:

SFR #4770 update: The SFR requested item (NSN: 4210-01-205-7898; Extinguisher, Fire) is NOT required onboard LHD 1. Per NSWCCD Z23, it has been determined that the small 5-lb Halon extinguisher is not required for LCAC's, and that a CO2 extinguisher is sufficient. Therefore, the requested item should NOT be authorized on the Master SHML and LHD T-SHML. The item should remain with an Allowed On Board (AOB) code of P on the Master and all other T-SHML's.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

Therefore, NSN: 4210-01-205-7898 IS NOT APPROVED FOR USE and will be updated in the Master SHML and all T-SHML's with an AOB code of "P" (PROHIBITED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Friday, April 12, 2013 8:24 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Subject:** RE: USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4770 (FINAL ANSWER)  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

Originally, I had concurrence from my ODS POC that the requested material was authorized; however, upon further research, they are no longer authorizing it. So, I would like to update the response to the following:

SFR #4770 update: The SFR requested item (NSN: 4210-01-205-7898; Extinguisher, Fire) is NOT required onboard LHD 1. Per NSWCCD Z23, it has been determined that the small 5-lb Halon extinguisher is not required for LCACs, and that a CO2 extinguisher is sufficient. Therefore, the requested item should NOT be authorized on the Master SHML and LHD T-SHML. The item should remain with an AOB of (P) on the Master and all other T-SHML's.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

THIS IS AN  
UPDATED SFR  
ANSWER.

-----Original Message-----

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Wednesday, April 03, 2013 14:40  
**To:** 'USS WASP ([r3w@saltsmail.salts.navy.mil](mailto:r3w@saltsmail.salts.navy.mil))'; 'Orozco, Roel K. LT'; Visaya, Wilbert CIV NAVSUP FLC San Diego, Code 4312; 'Steeber, Mark J. LSCM'; 'Kaba, Ousseinou LS2'; 'Fiorica-Duncan, Audrey A. LSC'; 'Pema, Tenzin LSSR'; GDSC; 'Stoniecki, Amy K. LT'  
**Cc:** 'COMNAVAIRPAC'; 'COMNAVAIRLANT ([aor@saltsmail.salts.navy.mil](mailto:aor@saltsmail.salts.navy.mil))'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Subject:** USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4770 (FINAL ANSWER)

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Commander, USS Wasp (LHD-1)  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC),

Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT),  
Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC),  
Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK  
REPORT (SFR)

Attn: LT Roel Orozco

Ref: (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23,  
Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or  
DSN: 430-3480  
(c) (SFR #4770) EXTINGUISHER, FIRE, (Part# 33100010-2),  
NSN: 4210-01-205-7898  
(d) POC for the USS Wasp (LHD-1): LT Roel Orozco  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-  
7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4770 per ref (e):

Mike,

SFR #4770: The SFR requested item (NSN: 4210-01-205-7898; Extinguisher, Fire) is required onboard LHD 1 per APL 99A080016. Therefore, the requested item should be listed on the Master SHML and LHD T-SHML with an AOB of R - restricted to APL 99A080016. The item should remain with an Allowed On Board (AOB) of P on all other T-SHML's.

Respectfully,  
Marianne

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
[marianne.he@navy.mil](mailto:marianne.he@navy.mil)

*original email SFR  
answer from Marianne*

Therefore, NSN: 4210-01-205-7898 IS APPROVED FOR USE and will be updated in the Master SHML and the LHD T-SHML with an AOB code of "R" (RESTRICTED TO APL 99A080016).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Sent:** Wednesday, April 03, 2013 12:28 PM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077  
**Cc:** Houde, Jennifer S CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350  
**Subject:** SFR #4770  
**Signed By:** MARIANNE.CURRAN@NAVY.MIL

Mike,

USS Wasp (LHD 1)

7H *good R*  
SFR #4770: The SFR requested item (NSN: 4210-01-205-7898; Extinguisher, Fire) is required onboard LHD 1 per APL 99A080016. Therefore, the requested item should be listed on the Master SHML and LHD T-SHML with an AOB of (R) - restricted to APL 99A080016. The item should remain with an AOB of P on all other T-SHMLs.

Respectfully,  
Marianne

*W/G3/H*

*LH/OT/MS*

Marianne C. He  
Environmental Engineer  
NAVSEA Warfare Center Code 635  
Hazardous Materials Control and Management  
215-897-7693  
marianne.he@navy.mil

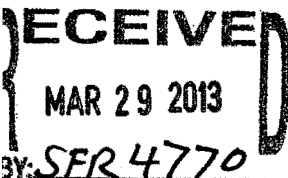
*1ST  
ANSWER  
FROM NSWCCD  
(ORIGINAL)*

## ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319  
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/29/2013 FPO#: AE09556 - 1660 UIC#: 21560 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	<b>SUBJECT:</b> SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))  <b>SFR #</b> 4770  <b>ATTACHED FROM (SHIP):</b> USS WASP (LHD-1)  <b>PRODUCT NAME:</b> EXTINGUISHER, FIRE  <b>DATE ON SFR:</b> 3/28/2013
NAVICP-M	4/1/2013	MC	<b>NSN/NIIN:</b> 4210-01-205-7898 <b>CAGE:</b> 01567 <b>PART NUMBER/DRAWING/SPECIFICATION:</b> 33100010-2
ISEA			<b>SHML STATUS:</b> (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			<b>MSDS NUMBER:</b> (NIH=Not In HMIRS) DCNRX
			<b>MIP:</b> NONE  <b>MRC:</b> NONE
LCM/ISEA			<b>MIP/MRC:</b> NONE
			<b>APL:</b> NONE  <b>AEL:</b> NONE
NAVICP-M			<b>APL/AEL:</b> 99A080016
			<b>TECHNICAL MANUAL:</b> NONE
			<b>AIRCRAFT APPLICATIONS:</b> YES
RELATED SFR's: NONE			<b>NOTES:</b> W/G3/H 5.7 POUNDS EACH, CHARGED WITH HALON 1301



AE09556-1660

Current Date: 3/28/2013

SHIP'S HAZARDOUS MATERIALS LIST (SHML)  
FEEDBACK REPORT (SFR)(P)  
NIT

This form needs to be completed if the Hazardous Material  
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS WASP

HULL NUMBER: LHD-1

TYCOM: COMNAVSURFFOR

UIC: 21560

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

**I. JUSTIFICATION** (To include equipment/application this material is to be used on):  
HAZMAT NEEDED ONBOARD THIS TYPE OF SHIP FOR LCAC CONTINGENCY PACK UP LOAD LIST. USS WASP  
HAS AN ALLOWANCE TYPE CODE 1 WITH RO OF 1 FOR THIS HAZMAT.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

**II. TECHNICAL DATA**

MAINTENANCE INDEX PAGE (MIP) #: NONE

MAINTENANCE REQUIREMENT CARD (MRC #: NONE

APL OR AEL: 99A080016

TECH MANUAL: NONE

REV.

ESTIMATED YEARLY REQUIREMENT:

**III. MANUFACTURER DATA** (If requested NSN is provided proceed to section IV)

NSN: 4210 - 01 - 205 - 7898

MANUFACTURER: CAGE #: 05167

PACIFIC SCIENTIFIC CO.

PHONE: 626 - 434 - 1170

ITEM OR TRADE NAME: EXTINGUISHER, FIRE

PART NUMBER OR SPECIFICATION: 33100010-2

UNIT OF ISSUE: EA

UNIT OF MEASURE: 5.7 LB

CHARGED WITH HALON 1301

DCN/RX  
W/G3/H**IV. ENDORSEMENTS**

REQUESTORS NAME: ROEL OROZCO

RANK: LT

EMAIL: orozcor@lhd1.navy.mil

DATE PREPARED: 3/28/2013

COMMANDER OR DESIGNEE NAME: BOARDMAN, G. M.

RANK: CAPT

EMAIL: boardmang@lhd1.navy.mil

DATE: 3/28/2013

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with  
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point  
P.O. Box 2020, Code M0772.22  
5450 Carlisle Pike, Mechanicsburg PA 17055-0788  
Fax: DSN 430-2480 or COM 717-605-3480  
Email: wraps.prime.fct@navy.mil



**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Orozco, Roel K. LT [orozcor@lhd1.navy.mil]  
**Sent:** Friday, March 29, 2013 11:37 AM  
**To:** Celona, Michael J CIV NAVSUP WSS, M077; Knarr, Mike CIV NAVSUP WSS, M077; Visaya, Wilbert CIV NAVSUP FLC San Diego, Code 4312  
**Cc:** Steeber, Mark J. LSCM; Kaba, Ousseinou LS2; Fiorica-Duncan, Audrey A. LSC; Pema, Tenzin LSSR; GDSC; Knarr, Mike CIV NAVSUP WSS, M077; Stoniecki, Amy K. LT  
**Subject:** USS WASP SFR (FIRE EXTINGUISHER)  
**Attachments:** SFR FIRE EXTINGUISHER.pdf; Tech Data.doc; Doc1.docx

Mr. Celona,

Please read email trail below. Per our conversation yesterday, attached is the SFR for the Fire Extinguisher our ship needed to re-order.

Break...

Mr. Knarr/Mr. Visaya

For your situational awareness.

V/R

LT Roel Orozco  
Stores/Hazmat Officer  
USS WASP (LHD-1)  
FPO AE 09556-1660  
COMM: 757-443-7545  
J Dial - 7154  
NIPR: [orozcor@lhd1.navy.mil](mailto:orozcor@lhd1.navy.mil)

-----Original Message-----

**From:** Pema, Tenzin LSSR  
**Sent:** Monday, March 25, 2013 1:53 PM  
**To:** Orozco, Roel K. LT  
**Cc:** Steeber, Mark J. LSCM; Kaba, Ousseinou LS2; Fiorica-Duncan, Audrey A. LSC  
**Subject:** FW: REQN V2156030701777 NIIN 012057898

Sir,

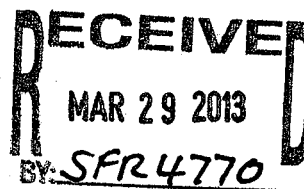
Below is the email about the SFR for the NIIN 01-205-7898.

V/R,

LSSN Pema  
Stock Control  
USS WASP(LHD-1)  
757-443-7278  
J-Dial:7370

-----Original Message-----

**From:** Knarr, Mike CIV NAVSUP WSS, M077 [<mailto:mike.knarr@navy.mil>]





## DEPARTMENT OF THE NAVY

### NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE  
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020  
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319  
DSN & EXT 430-8319  
FAX # 717-605-3480  
IN REPLY REFER TO:  
4030  
Ser 0772/037  
1 April 2013

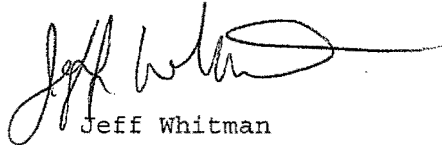
From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),  
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock  
Division-Ship Systems Engineering Station (NSWCCD-SSSES),  
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)  
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4770)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4770) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

  
Jeff Whitman  
By Direction

**Celona, Michael J CIV NAVSUP WSS, M077**

---

**From:** Celona, Michael J CIV NAVSUP WSS, M077  
**Sent:** Monday, April 01, 2013 11:34 AM  
**To:** He, Marianne C CIV NSWCCD Philadelphia, 6350  
**Cc:** USS WASP (r3w@saltsmail.salts.navy.mil); 'Orozco, Roel K. LT'; Visaya, Wilbert CIV NAVSUP FLC San Diego, Code 4312; Steeber, Mark J. LSCM; Kaba, Ousseinou LS2; Fiorica-Duncan, Audrey A. LSC; Pema, Tenzin LSSR; GDSC; Stoniecki, Amy K. LT; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077  
**Subject:** USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4770

**From:** Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772  
**To:** Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635  
**Copy to:** Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B  
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931  
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A  
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

**Subj:** FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

**Attn:** Marianne He

**Ref:** (a) NAVSUP PUB P-485 SFR PROCESS  
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480  
(c) (SFR #4770) EXTINGUISHER, FIRE, (Part# 33100010-2), NSN: 4210-01-205-7898  
(d) POC for the USS Wasp (LHD-1): LT Roel Orozco  
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the

results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.